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CHOICE IOWA SEEDS

1929 CATALOG

ONLY ONE
THE BEST
QUALITY

64TH YEAR,
1865-1929

64TH YEAR,
1865-1929

64TH YEAR,
1865-1929

for FARM
GARDEN and HOME

Telephone
MAPLE 182

SEEDSMEN

TO THE

AMERICAN

PEOPLE

THE IOWA SEED COMPANY
East 4th and Locust, Des Moines, Iowa, U.S.A.



Hardy Flower Garden Collection

This Hardy Flower Garden Collection includes a total of 75 assorted hardy plants that will be satisfactory in any climate. This assortment is large enough to give you an excellent display the first summer. All the different varieties are carefully packed and labeled to make it easy for you to plant them in an attractive arrangement. This collection will either start an entirely new perennial garden for you or the different plants it includes will fit well into an established planting.

The Collection Consists of

50 Tall Bearded or German Iris—Five different colors, wrapped separately and labeled.

6 Peonies—Two red, two white, two pink. Each color labeled.

2 Anchusa—Grows three feet tall with lovely blue flowers.

2 Lythrum—A beautiful ever-blooming perennial, with rose-colored flowers.

5 Rudbekia (Golden Glow)—Grows six feet high, fine for background.

10 Odd Perennials—Not more than three of one kind. Our selection, but all desirable, hardy plants.

All 75 plants, by express, not prepaid, for \$4.85.

Two collections for \$9.50.

Satisfaction Collection of Annual Flower Seeds

In choosing the flower seeds for this collection we have included only those kinds which are easiest to grow and yet ones that will be very satisfactory. A regular size packet of each of the following is included (see flower seed pages for description of each kind): No. 715, Antirrhinum; No. 843, Calliopsis; No. 944,

Lawn Grass Seed

We offer only high-grade, clean grass seed that will grow. In the grass seed mixtures only suitable kinds of grass are included. Cheap undesirable kinds are not used. For best results sow 1 pound per 300 square feet for new lawns and half that amount for repairing established lawns.

Evergreen Mixed Lawn Grass Seed—Our own special mixture of grass seeds suited for growing together in the central and northern states. Is formed of grasses which keep green from early spring all through the summer. Per lb., 65c; 3 lbs., \$1.80, postpaid. Not prepaid, 60c per lb.

Shady Place Mixture—This mixture is a combination of fine, dwarfgrowing evergreen varieties of grass which grow naturally in shaded spots, to make a fine lawn under shade trees. Heavy seeding makes quick sod. Price per lb., 65c; 3 lbs., \$1.80, postpaid. Not prepaid, 60c per lb.

Terrace Lawn Mixture—This is a mixture of grasses which have strong and spreading roots, making a close turf which heavy rains cannot wash out easily. Per lb., 65c; 3 lbs., \$1.80, postpaid. Not prepaid, 60c per lb.

Kentucky Blue Grass—"Iowa Shield" Brand. We pride ourselves on this extra choice grade, which is of such unusual purity and high germination. Lb., 65c; 3 lbs., \$1.80, prepaid. Not prepaid, 60c per lb.

White Clover—"Iowa Shield" Brand. The well-known common white clover. Lb., 80c; 3 lbs., \$2.30, postpaid. Not prepaid, 75c per lb.

Creeping Bent Grass—It makes a very fine close turf of excellent color. The advantage of Creeping Bent is that it will thrive on acid soils and can be fertilized with Ammonium Sulphate, which discourages weeds. Sow 1 lb. to each 300 square feet. 1 lb., \$1.25; 3 lbs., \$3.00, postpaid.

Lawn Fertilizers

Peerless Fertilizer—Peerless Fertilizer is of best quality, dry, finely pulverized, easy to apply, practically nonodorous. In preparing a new lawn or top dressing on established lawn use 25 to 50 lbs. per 1,000 sq. ft. Not prepaid, 10-lb. pkg., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Sheep Manure—This is a natural manure, unadulterated. Not prepaid, 10 lbs. for 50c; 50 lbs., \$1.75; 100 lbs. for \$3.00.

Pure Bone Meal—It is clean, free from odor and gives results in added growth of grass. Not prepaid, 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.75.

Sacco—This is a complete fertilizer for lawn, garden or flowers. Its chemical analysis is 4-12-4. Use at the rate of 3 to 5 lbs. per 100 square feet. Not prepaid, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

Vigoro—A plant food for general use, finely pulverized and practically nonodorous. Analysis 4-12-4. A Swift & Co. product. Use 25 lbs. per 1,000 square feet. Not prepaid, 5 lbs., 50c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

Centaurea; No. 955, Chinese Woolflower; No. 1003, Cosmos; No. 1115, Eschscholtzia; No. 1130, Four o'clock; No. 1315, Marigold; No. 1406, Nasturtium; No. 1411, Nicotiana; No. 1474, Petunia; No. 1496, Phlox; No. 1520, Portulaca; No. 1566, Salpiglossis; No. 1708, Verbena; No. 1767, Zinnia. All postpaid for \$1.00.

A NEW, SAFE SPRAY

for Healthier Gardens



Non-poisonous

Spray Kills Insects

Now your plants can be assured of positive protection against insects. Sheps Plant Spray controls and kills both sucking and chewing insects, including Aphids, Thrips, Green Flies, Mealy Bugs, Worms, Caterpillars and others.

NON-POISONOUS for humans, birds, animals and plants. Sure death to insects. Will not injure the most delicate blooms or plants. Benefits soil and foliage.

The easiest spray to mix. Sheps Plant Spray is poured into water, stirred for 15 seconds, then poured into sprayer adding the required amount of water. 20 seconds from bottle to plant. No tedious and time-taking mixing — no soap sud solution. Spraying directions on each bottle.

Following sizes and prices:

2 oz. bottle, postpaid.....	.35c
8 oz. bottle, postpaid.....	.75c
16 oz. bottle, postpaid.....	\$1.25
Quart can, postpaid.....	2.00
Gallon can, postpaid.....	6.35
5 gallon can, postpaid.....	30.00

Bulk Prices on Inquiry.



VIGORO

Specially prepared plant food

makes



COLORFUL FLOWERS



DELICIOUS VEGETABLES



VELVETY LAWNS

"I can tend a bigger garden now—and do it so much easier!"

New Improved Easy GARDEN RAISER



Fast, thorough cultivation that leaves a perfect, moisture-retaining top mulch.

Now, you can grow a better garden with one-tenth the usual work. In one swift, easy operation, the New Improved EASY Garden Raiser kills every weed, stirs and aerates the surface soil, leaving a perfectly smooth, finely pulverized dust mulch. Ten times as fast as hoeing. Does a better job. And SO much easier!

Notice how the eight revolving blades break the soil crust. Underground knife of improved design kills all weeds. Working together, blade and knife thoroughly mix the finely worked soil. This provides an ideal moisture-retaining "blanket." Your garden grows faster. Does better. More pleasure and profit for you. Makes an ideal seed bed at planting time.



How easily it runs! Improved design makes this possible. Operates as fast and smooth as any easy-running lawn mower. Just turn it over and three adjustable steel shovels are brought into position for deeper cultivation. Adjustable guards protect leaves from blades. Low priced.

No. 1—8½ inches wide.....\$ 9.25

No. 2—10½ inches wide.....10.00

By Express

For a better lawn, more beautiful flowers, and fine vegetables, you can rely on VIGORO.

Scientifically balanced and complete, VIGORO is a specially prepared plantfood. It contains all of the elements necessary to grow richly colored flowers, velvety lawns, succulent vegetables, luxuriant shrubbery, and healthy trees.

VIGORO is odorless and clean. It can be applied by hand just like grass seed. Complete directions in every bag.

100-lb. bag.....\$5.00 50-lb. bag.....\$3.00
25-lb. bag.....1.75 5-lb. bag......50

Order your supply today

The Iowa Seed Company
Seed Headquarters

East Fourth & Locust • Phone Maple 182 • Des Moines, Iowa



RED INK PRICES

FARM SEEDS

Fertilizers and Poultry Foods

FEBRUARY 16, 1929

Today's Values at Des Moines, Subject to Market Changes

TERMS—Cash with order. No extra charge for bags. Express or freight charge on all farm seeds are to be paid by the purchaser. Reference, any Des Moines bank. Descriptive catalogue free any time on request. Write for free circulars on farm crops.

NOTICE—Our Choice Iowa Seeds are sent out with the mutual agreement and understanding that the seed must be satisfactory, or it may be returned to us within 15 days, and the money paid will be refunded.

This gives you time to inspect and test, or have inspected and tested by any authority, and we will abide by the report. There is no sale unless you are satisfied. But we do not and cannot warrant the crop, as it is dependent on conditions beyond our control, and in no case shall we be liable for more than the purchase price of the seed.

THE IOWA SEED COMPANY

CLOVER AND GRASS SEEDS

15 lbs. or more sold at the 100-lb. rate.	Per	Equals	100 lbs. per bu.
Medium Red, Iowa Shield	\$39.50	\$23.70	
Mammoth Red, Iowa Shield	40.50	24.30	
Alsike, Iowa Shield	40.00	24.00	
Alfalfa, Dakota 12, Iowa Shield	37.00	22.20	
Alfalfa, Grimm, Iowa Shield	46.00	27.60	
White Sweet, Iowa Shield	11.00	6.60	
White Sweet, Grundy County	12.50	7.50	
Yellow Sweet, Iowa Shield	11.00	6.60	
TIMOTHY, Iowa Shield	8.75	3.95	
TIMOTHY AND ALSIKE MIXED, Iowa Shield	16.00	8.00	

SEED CORN

	Per 10 bu. or bu. more at	
KRUG YELLOW VICTOR	\$ 5.00	\$ 4.75
IOWA GOLD MINE	5.00	4.75
IOWA SILVER MINE	5.00	4.75
PRIDE OF THE NORTH	5.00	4.75
REID'S YELLOW DENT	5.00	4.75
HI-BRED	10.00	
COPPER CROSS	8.00	

FORAGE AND FODDER CROPS

	100 lbs.	
RAPE—Dwarf Essex	\$10.00	
FIELD PEAS—White Canada	7.50	
SAND VETCH	20.00	
BUCKWHEAT—Japanese	5.00	
SUDAN	9.00	
MILLET—German	6.00	
MILLET—Broom, Corn or Hog	5.00	
Millet—Siberian	6.00	
Millet—Manitoba	5.00	
CANE—Afner Fodder	5.00	
Broom Corn	6.00	
Kaffir Corn	4.50	
Milo Maize	4.50	
Feterita	5.00	
SOY BEANS—Manchu, per bu.	3.00	
DUNFIELD—per bu.	3.00	
Cow Peas, per bu.	6.00	
Seed Flax	\$ 8.00	

SEED POTATOES

	Pk.	Bu.
Extra Early Ohio	\$.50	\$ 1.50
Extra Early Triumph	.60	1.75
Irish Cobbler	.50	1.50
Rural New Yorker	.50	1.50

SEED SWEET POTATOES

	Bu.	
Yellow Jersey	10 lbs. Bskt.	\$1.25 \$3.25
Nancy Hall		1.25 3.50

GRAIN BAGS

Bemis Seamless, each	\$.45
Per 100	40.00

POULTRY FOODS

	Per 100 lbs
Hen Food—Iowa Shield Brand	\$ 2.75
Egg Mash—Iowa Shield Brand	3.15
Chick Starter—Iowa Shield Brand	5.00
Chick Food—Iowa Shield Brand	2.90
Bran, best quality.....	2.25
Shorts, good quality.....	2.40
Milo Maize and Kaffir Corn, mixed.....	3.50
Barley, for feeding.....	2.75
Buckwheat, for feeding.....	3.50
Field Peas.....	7.00
Cracked Corn, screened.....	2.25
Alfalfa Meal.....	2.75
Oats.....	2.10
Wheat.....	3.00
Sunflower.....	10.00
Poultry Millet.....	3.00
Meat Scraps.....	5.50
Crushed Oyster Shell, regular.....	1.50
Poultry Grit.....	1.50
Crushed Raw Bone, poultry size.....	4.50
Fine Crushed Bone, for chicks.....	4.50
Charcoal, fine or coarse.....	5.00
Rolled Oats.....	5.00
Fine Oat Meal.....	5.00
Blatchford's Calf Meal, 25 lbs.	1.45
Blatchford's Calf Meal.....	5.40
(10 cents per bag less if you haul it.) Ask for prices in ton lots	

GRAINS

SEED OATS—	Bu. more at
logold	\$ 1.40 \$ 1.30
The Iowar Oat.....	1.00 .90
White Kherson (Iowa 103).....	1.00 .90
The Richland Oat (Iowa 105).....	1.00 .90
SEED WHEAT—	Bu.
Marquis.....	2.25
Early Java.....	2.25
SEED BARLEY—	Bu.
Oderbrucker	1.50
Velvet	1.75
SEED RYE—	Bu.
Mammoth Spring	2.50
Mouster Winter	1.75

LIGHT GRASSES

	100 lbs. Per bu
K'Y BLUE GRASS—Iowa Shield	\$50.00 \$ 7.00
LAWN GRASS—Evergreen Mixed	50.00 7.50
Shady Place	60.00 9.00
Terrace Mixture	60.00 9.00
ORCHARD GRASS.....	25.00 3.50
PERENNIAL RYE GRASS.....	18.00 2.52
RED TOP	20.00 2.80
BERMUDA GRASS	30.00 4.50
PERMANENT GRASS MIXTURES	30.00 4.50

SOIL INOCULATION

For Alfalfa and Legumes
Specify kind of seed for which it is intended
Nitragin, bushel size..... \$ 1.00
5 bushel size..... 4.75

FERTILIZERS

	Per 100 lbs.
Ask for prices in ton lots.	
Crushed Limestone	\$ 1.00
Super Phosphate, 16%	2.00
Super Phosphate, 20%	2.50
Pulverized Sheep Manure	3.00
Pure Bone Meal	3.75
Nitrate of Soda	6.00
Garden Fertilizer, 3-8-4	3.50
Lawn Fertilizer, 2-12-0	3.50
Agrico for Grain, 2-12-4	3.50
Agrico for Potatoes, 4-8-6	3.50
Agrico for Truck, 5-10-5	4.00
Vigoro	5.00
Sacco	5.00
Adco, 25 lbs., \$2.00	7.00
Green Seal Gypsum	2.00

The Iowa Seed Company
Seed Headquarters

East Fourth & Locust • Ph. Maple 132 • Des Moines, Iowa

VEGETABLE SEEDS

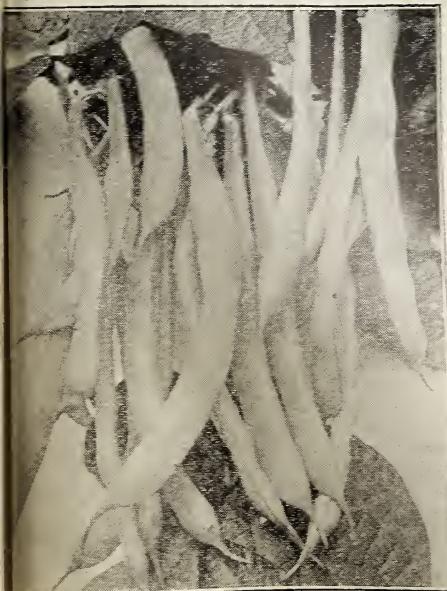


ASPARAGUS

(One ounce will sow forty feet of drill.)
Asparagus is so easily grown every garden should contain a bed. A circular on "How to Make an Asparagus Bed" sent on request.

Washington—The new rustproof variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75 postpaid.

Conover's Colossal—The standard variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00 postpaid.



IMPROVED GOLDEN WAX BEANS

BEANS

Dwarf or Bush Varieties

Our packets of beans contain two ounces.

Stringless Green Pod—The best of the green pod varieties. Pods are long light green, entirely stringless, and of excellent flavor. Very early and prolific and as near perfect as any green pod bean we know. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Improved Early Valentine—A standard variety and liked by many. Produces its thick, fleshy pods abundantly. Of fine flavor and matures quickly. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Improved Golden Wax—This is the standard variety. The most popular for either family or market garden. Pods are large, clear, waxy yellow and free from rust. Entirely stringless. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Challenge Black Wax—An old favorite and still preferred by many. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Brittle Wax—This is the best of the new varieties of wax beans. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Burpee's Bush Lima—A bush form of the true large lima bean. Yields well. Does not always mature in this latitude but makes excellent green shelled beans. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c postpaid. Not prepaid 30c per lb.

Henderson's Bush Lima—A true bush lima and sure to ripen its enormous crop. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c postpaid. Not prepaid 30c per lb.

Improved Navy, or Boston Pea—An improved type of the Navy bean which is grown for use as shell beans in the winter. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c postpaid. Not prepaid 25c per lb.

Pole Beans

These require the support of poles or woven wire fencing.

Old Homestead, or Improved Kentucky Wonder. Very productive, entirely stringless, pods of green color. Can be grown with corn. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Lazy Wife—Very much like the above. The ripe beans are white. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

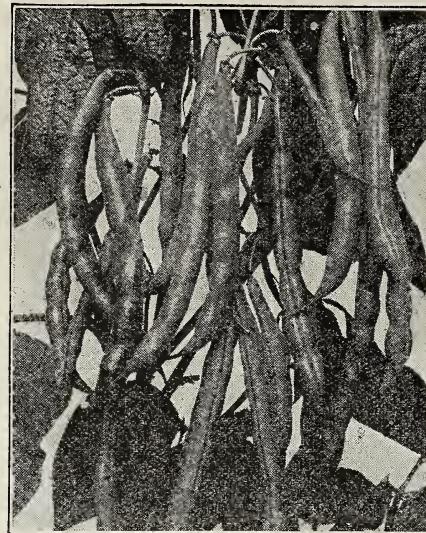
Golden Cluster Wax—The most popular variety of wax pole beans. Pods large, fleshy and stringless. Pkt., 10c; $\frac{1}{4}$ lb., 20c; lb., 45c, postpaid. Not prepaid, 35c per lb.

Speckled Cut Short—The corn-field bean. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Scarlet Runner—Planted for its brilliant scarlet flowers. Pkt., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

King of the Garden Lima—Pods are of enormous size. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Yard Long—Pods sometimes over three feet long. Pods are tender and of fine flavor. Pkt., 15c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.



POLE BEANS—OLD HOMESTEAD OR IMPROVED KENTUCKY WONDER

70c, postpaid. Not prepaid, 60c per lb.

Prepared the same as asparagus or leaves and stalks used as "greens." Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Mangel or Stock Beets

Mammoth Golden Giant—The largest of yellow flesh mangels. It is a most excellent keeper. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c postpaid. Not prepaid, 50c per lb.

Giant Sludstrop—A variety of exceptionally even growth. Color is reddish yellow. It is the best of all mangels for feeding purposes. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c, postpaid. Not prepaid, 50c per lb.

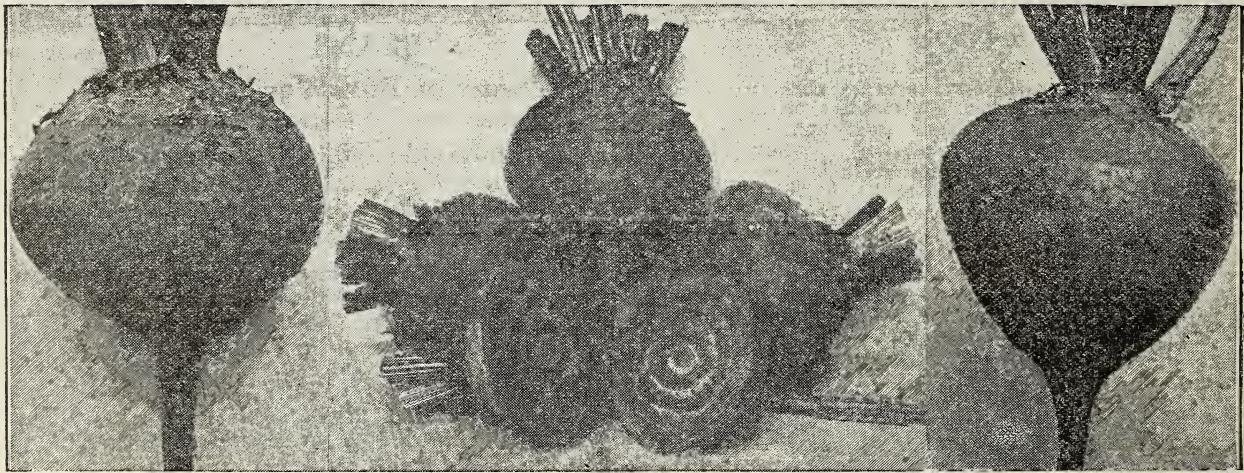
Mammoth Long Red—Unexcelled for yielding qualities. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 55c, postpaid. Not prepaid, 45c per lb.

Giant Half Sugar Mangel—A hybrid or cross between the Mangel and Sugar Beet. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c, postpaid. Not prepaid, 50c per lb.

Golden Tankard—Of a rich deep yellow throughout. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c, postpaid. Not prepaid, 40c per lb.

Klein-Wanzleben—A true sugar beet makes it of great value for feeding. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 20c; lb., 50c, postpaid. Not prepaid, 60c per lb.

Swiss Chard



DETROIT DARK RED

CRIMSON GLOBE

MARKET GARDENER

Table Beets

One ounce sows 50 feet of drill; 4 to 6 lbs. for one acre.

Crosby's Improved Egyptian—The earliest variety. Regular in shape, smooth with small tops and small tap root. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Early Wonder—A choice new variety. Globe shaped with deep blood red flesh. Popular with market gardeners for early or late planting. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Detroit Dark Red—Its roots are round, very smooth, of good marketable size, and for table use is unexcelled. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Market Gardeners—It is early, oval in shape, rich crimson color and excellent quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Crimson Globe—A main crop variety, medium size, globe shaped, flesh deep purple. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Odd Vegetables

CHERVIL—Leaves used in soups and salads. Cultivate like parsley. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

CHICORY, Large Rooted—Used as a substitute for coffee. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 95c; lb., \$3.25, postpaid.

CHUFAS—A ground nut greatly liked by children. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

COLLARDS—They are a form of loose-headed cabbage. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

CORN SALAD—Nice winter salad. Sow in September in drills. Cover in fall with straw or leaves. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

COTTON—Has large, showy flowers, followed by ball of white cotton. Pkt., 5c; oz., 10c, postpaid.

CRESS, True Water—Sow seeds along the running water. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.60, postpaid.

Upland Cress—Perennial; hardy; produces well. Pkt., 10c; oz., \$1.00, postpaid.

Cabbage

One ounce will produce about 3,000 plants. Takes 8,000 to 10,000 plants per acre, of early sorts and 6,000 of large, late kinds.

Golden Acre—The earliest of the round headed varieties, medium size heads, solid and very uniform. Fine for market or home garden. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

Extra Early Express—The earliest variety in existence and produces heads before the Jersey Wakefield or other varieties. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00, postpaid.

Early Jersey Wakefield—Of large size for so early a kind. Heads hard and solid, and have few outside leaves. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

Burpee's All-Head Early—This is the earliest of the flat-headed cabbages, of larger size than earlier varieties. Makes exceptionally solid heads. Pkt. 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00, postpaid.

Copenhagen Market—A round headed variety. Claimed to be as early as any pointed headed variety. Very popular with market gardeners. Our seed was grown by the originator in Denmark. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Improved Danish Ballhead, or Hollander—Heads medium size, very solid. The best keeper in winter. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00, postpaid.

Premium Flat Dutch—This old and well-known variety is still a standard winter cabbage. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

Iowa Seed Company's Short Stem Drumhead—For sureness in heading, regularity of growth and even, large, solid heads, it far surpasses any other strain of late cabbage. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00, postpaid.

Perfection Drumhead Savoy—Has curled and crumpled leaves and is of finer flavor than ordinary cabbage. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Mammoth Red Rock—Is the largest of the red cabbage. Solid, heavy and a good keeper. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Frostproof Cabbage Plants

Grown from fall planted seed, in the South. They grow slowly and become hardened to cold and slight frost. Can be set out in spring much earlier than hotbed or greenhouse plants. Mailed direct from the growers. Any of the following early varieties: Charleston Wakefield, Early Jersey Wakefield, Early Flat Dutch, Copenhagen Market. Not less than 100 of a variety can be shipped. No plants sent out after May 1st. 50c per 100; \$2.00 for 500; \$3.75 per 1,000, postpaid.

Cauliflower

One ounce will produce about 3,000 plants.

Henderson's Early Snowball—Considered the earliest and more certain to make a head than any other sort. Pkt., 20c; $\frac{1}{4}$ oz., 60c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00, postpaid.

Danish Giant, or Dry Weather Cauliflower—Heads are extra large, pure white and very solid. Does better in dry seasons than other sorts. Pkt., 20c; $\frac{1}{4}$ oz., 60c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00, postpaid.

Chinese Cabbage

or Pe Tsai, Sometimes Called Celery
Cabbage

FROSTPROOF CABBAGE PLANTS

Everyone likes it. Use like lettuce for salads. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00, postpaid.

Brussels Sprouts

American Mammoth—Superior variety of American origin. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Carrots

One ounce for 100 feet of drill. Three or four pounds for one acre.

Early Scarlet Horn—Favorite extra early variety. Top small, short, stump-shaped root. Grows well in any soil. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Oxheart, or Guerande—This is the standard garden carrot. Outyields all others. Easy to pull. Best quality, good keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

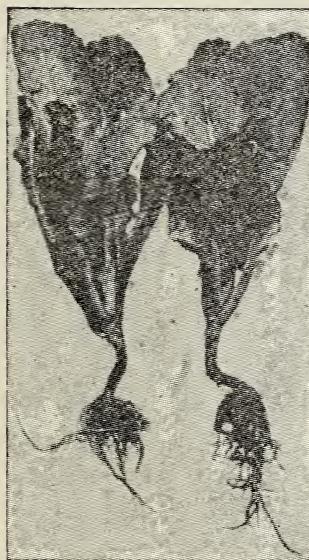
Danvers—Standard half-long variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Chantenay—Another good garden carrot. Is longer than the Oxheart, not so easy to pull. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

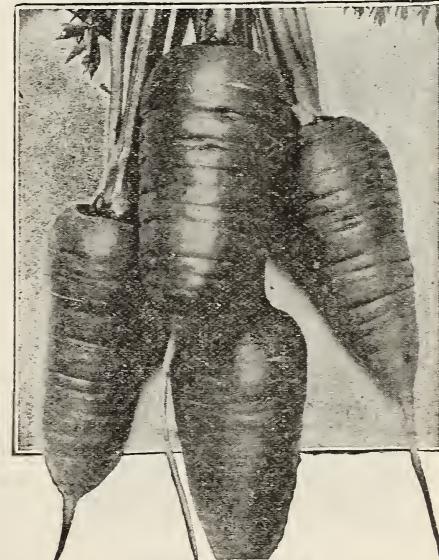
Victoria—Largest carrot grown. Used for stock feeding. Large, light orange. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 5 lbs., \$4.25, postpaid.



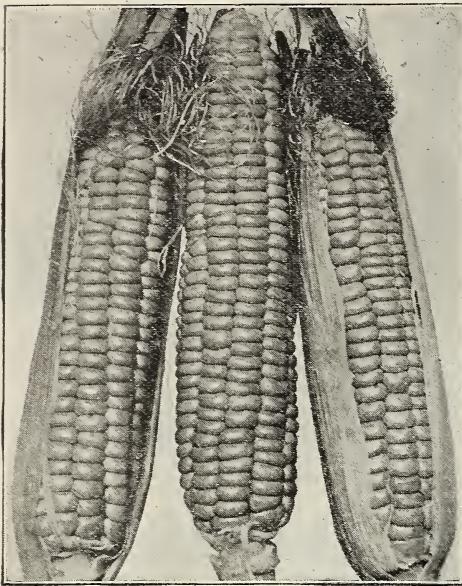
COPENHAGEN MARKET CABBAGE



FROSTPROOF CABBAGE PLANTS



DANVERS CARROTS



GOLDEN BANTAM

Sweet Corn

Early Sunrise—Is a splendid new variety which we originated. It is undoubtedly the best extra early corn for either private gardens or market. The ears are larger than Golden Bantam and a few days earlier. Sweetest of all early kinds. Often called White Bantam. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. Not prepaid, 25c lb.

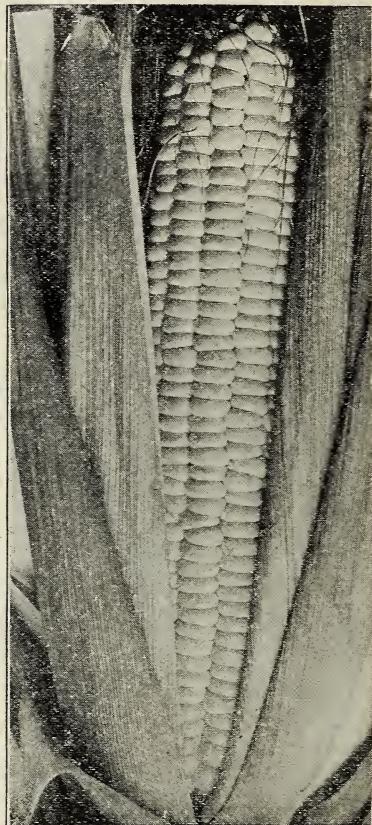
Improved Golden Bantam—A well known and quite popular sweet corn about 4 feet high. Well shaped ears which are golden yellow when ripe. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. Not prepaid, 25c lb.

Champion Early—Earliest large corn ever introduced, maturing only a few days later than the small eared sorts and producing large 12-rowed ears 8 to 10 inches long. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. Not prepaid, 30c lb.

Pharaoh's Dream—The most productive variety of sweet corn ever produced. A few days earlier than Stowell's Evergreen. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. Not prepaid, 25c lb.

Country Gentleman—Considered to be the highest quality corn. Pure white, very deep grained and sweet. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. Not prepaid, 30c lb.

Improved Stowell's Evergreen—The standard late sweet corn. Always satisfactory. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 30c, postpaid. Not prepaid, 25c lb.



Pop Corn

Australian Hulless—The only pop corn worth while raising. The best yielder and best seller. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 30c, postpaid. Not prepaid, 20c lb.

Queen's Golden—A golden yellow variety. Long ears. Looks rich when popped. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 30c, postpaid. Not prepaid, 20c lb.

Pop Corn for Popping—Good quality, hulless variety. Not prepaid, 15c lb; 2 lbs. for 25c; 100 lbs. for \$10.00.

Celery

(One ounce will produce about 6,000 plants)

White Plume—Stalks, portions of the inner leaves and heart naturally white, and become fit for use by simply tying up closely with twine. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Golden Self-Blanching—By far the most popular sort; of medium earliness, compact habit, with thick, solid stalks which blanch easily to a clear waxy yellow. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$1.50.

Giant Pascal—Late variety of superior keeping qualities. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

Giant Prague Celerieac—Has a turnip-like root with true celery flavor. Used in soups and stews in place of celery. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3, postpaid.

Cucumbers

(One ounce plants 50 hills, two pounds one acre)

Early Cluster—A very desirable early variety. Prolific, good size and fine quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Perfect White Spine—Fruit even, good size, straight, well formed and symmetrical. Immensely productive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Improved Chicago Pickle—Medium in size, dark green in color. Considered the best variety for pickles. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Davis Perfect—Dark, glossy, green, slim and symmetrical with an average length of 10 to 12 inches. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

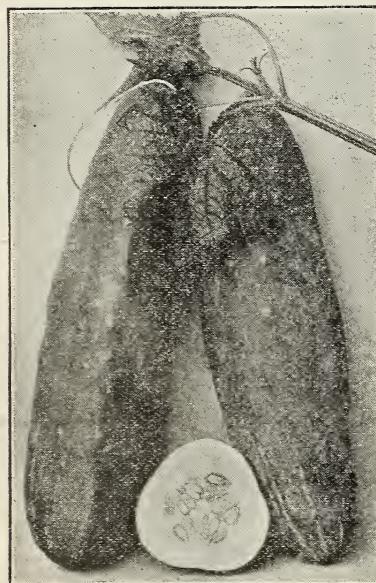
Improved Long Green—A well known standard variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Japanese Climbing—Will cling to fences or other support. Fine for limited space. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

White Wonder—Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

Lemon—It is round and about the size of a baseball. Has flavor peculiarly its own. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00, postpaid.

West India Gherkin, or Burr—Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.



IMPROVED LONG GREEN

Lettuce

One ounce will sow 100 feet of drill.

Early Curled Simpson—The best known variety of garden lettuce. Beautiful light green, curled leaves. Can be sown from early spring to August. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60, postpaid.

Improved Hanson—As a head lettuce the Hanson has no superior. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

Black Seeded Simpson—This is the standard variety with market growers who grow lettuce under glass or in frames. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40, postpaid.

Grand Rapids—A light green, crumpled leaf lettuce, a good garden or forcing variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

New York—A new sort producing immense heads. The interior is beautifully blanched, creamy white, crisp, tender and delicious. A sure header under most trying conditions. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

Prize Head—Heads large and rather loose, with very good flavor. Leaves edged with reddish brown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40, postpaid.

California Cream Butter—A cabbage lettuce with round, solid head. Inside leaves are very rich cream

yellow color. Rich and buttery to the taste. Heads good size and compact. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

Mixed Lettuce—A mixture of all the varieties listed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40, postpaid.

Endive

One ounce will sow about 60 square feet.

Giant Fringed—Also called winter lettuce. Strong, vigorous grower, making large white heart. Leaves are beautifully curled. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Egg Plant

Improved New York—Our strain of this leading market variety we believe to be unsurpassed. Very large size, skin deep purple, flesh white, of excellent quality. Very productive. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00, postpaid.

Ground Cherry

Improved Yellow—Ground cherries are a most excellent garden fruit. They have a delicious flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.40, postpaid.

Large Purple—The old-time purple ground cherry. Fruits are much larger than the yellow but not so rich in quality. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.40, postpaid.

Gourds

Cultivate like cucumbers. They may be trained over lattice work, fences, etc.

Japanese Nest Egg—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best nest eggs. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Dipper—Makes a light, convenient dipper. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Sugar Trough—Very large and strong grower. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Luffa, or Dishcloth—Has a peculiar lining, making a natural dishcloth or sponge. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Hercules' Club—Grows to immense size—4 to 5 feet in length. Sold by some as Tasmanian Bean. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c, postpaid.

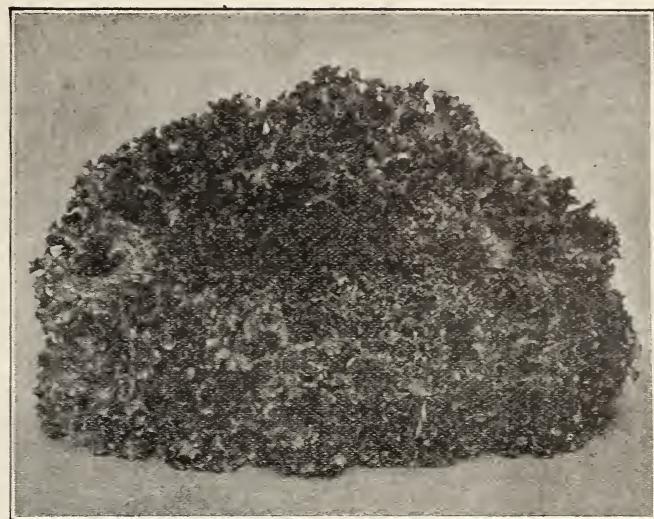
Mixed Utility—Seeds of the above, mixed. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c, postpaid.

Kchl Rabi

Most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage.

Goliath Purple—Of immense size. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

Early White Vienna—The flesh is white and tender. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.25, postpaid.



EARLY CURLLED SIMPSON LETTUCE



BLACK SEEDED SIMPSON LETTUCE



GARDEN HUCKLEBERRY

Garden Huckleberry

Grows about three feet high and just loaded with clusters of berries, which are jet black when ripe. Make delicious pies, preserves and jams. Directions for cooking with each packet. Not edible when raw. Pkt., 10c; oz., \$1.00; $\frac{1}{4}$ lb., \$2.50, postpaid.

Muskmelons

One ounce will plant about 80 hills; two pounds to the acre.

Hale's Best—A remarkably early melon, the choice of the commercial grower. Thick, salmon colored flesh. Oval shape, netted and fairly distinctly ribbed. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

Early Bird—An extra early variety. Popular with Des Moines market gardeners. Yellow meated, netted, slightly larger than the Rocky Ford. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

Emerald Gem—A good early home garden variety, lightly netted, yellow meated. Very prolific. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

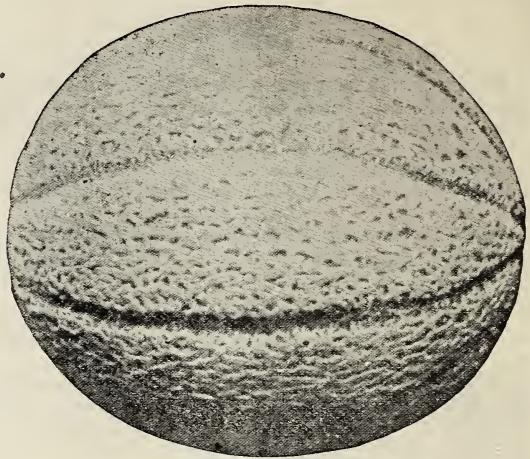
Burrell Gem—A truly delicious melon about the size and shape of Rocky Ford, but has rich golden yellow flesh. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Thoroughbred Rocky Ford—Flesh thick, of light green color and fine, juicy, luscious flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Improved Green Nutmeg—The best of the green fleshed sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Osage—Flesh salmon color, sweet and spicy; very thick and delicious. Medium size oval. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50, postpaid.

Tip Top—Flesh very thick, salmon colored and of better flavor than any other large melon. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.



HALE'S BEST MUSKMELON

Banana—Attain a length of from 1½ to 3 feet; 3 to 4 inches thick. Has a pleasing flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40, postpaid.

Honey Dew—Flesh is light green and sweet as honey. Keeps good for months in a cool place. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

Watermelons

One ounce is required for 40 hills; three pounds will plant an acre.

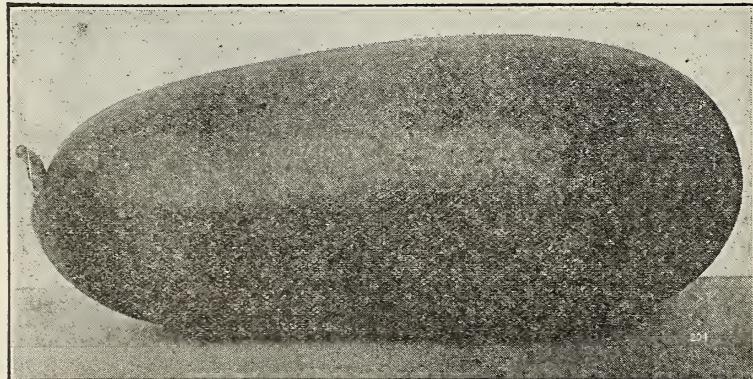
Golden Sweet—The Golden Sweet is a most delicious and fine flavored melon. Skin is dark green. Shape oblong; averages about 20 pounds. Rind very thin, but hard and will carry without cracking. Flesh old gold yellow. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Cole's Early—Very early and will mature farther north than most sorts. Of medium size. Flesh bright red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Peerless or Ice Cream—Very early, medium size, rind thin, flesh bright scarlet. Great home market melon. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Monte Cristo or Kleckley's Sweet—A wonderful popular variety. Flesh bright red, rich, crisp and pleasant flavored. It ripens early; is of good size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Tom Watson—The leading market melon. Hardy, good quality, good shape, large size and always solid. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.



MONTE CRISTO WATERMELON

Sweetheart—A large round melon with a light colored rind. Splendid quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Halbert Honey—Has no equal as a home or nearby market melon, but will not stand much handling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, postpaid.

Irish Grey—New variety best described as a light rind Tom Watson. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Mixed Watermelon—As the seasons vary, some varieties of melons do better than others. By planting mixed watermelons you get a good crop every year. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Vine Peach

The fruit is about the size of a large peach, oval shaped, and is of a bright orange yellow color. For sweet pickles, pies or preserving they are superb. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

Citron Melon

Better than melon rinds for preserving.

Apple Pie—The flesh is white, solid throughout and of excellent quality for making pies, preserves, etc., and resembles apples in flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.75, postpaid.

Pomegranate

An interesting little orange and brown spotted melon. Also called Queen Ann melon. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.

Mustard

Ostrich Plume—Its leaves are long, ruffled, frilled and curved. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Southern Giant Curled—This is the true curled leaf variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

White English—Its seed used for culinary purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Onions

Extra Early Barletta—They are of a pure white color, and in size grow 1 to 1½ inches in diameter. Fine for pickling. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

Large White Globe—Market variety. Beautiful, clean, pure white bulbs. Large, even size, globe shape. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$8.50, postpaid.

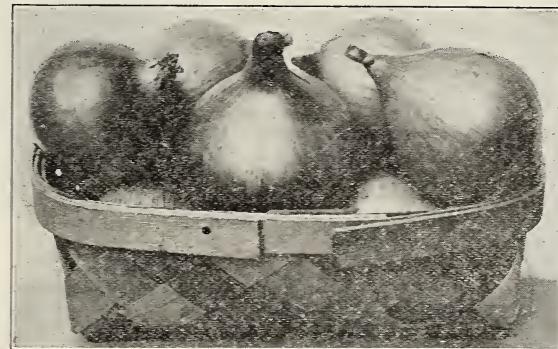
Mammoth Silver King—The largest pure white onion. Slightly flattened but thick through. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

Golden Globe—Offered by us as the very best yellow globe-shaped onion for general culture. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

Mammoth Prizetaker—One of the largest of yellow onions. Of a clear, bright straw-color and uniform perfect globe shape. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

Large Red Weathersfield—Is the standard sort, the easiest to grow and the surest to make a crop. Of finest form, skin deep purplish red. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

Southport Red Globe—Grows to large size. Skin, deep red; flesh, fine grained, mild and tender. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.



SOUTHPORT RED GLOBE ONIONS

Onion Sets

Bottom Onion Sets

Produce the best quality of young green onions.

White Bottom Sets—35c per lb.; 3 lbs. for \$1.00, postpaid. Not postpaid, peck, \$1.50; bu., \$4.50.

Red Bottom Sets—35c per lb.; 3 lbs. for \$1.00, postpaid. Not postpaid, peck, \$1.50; bu., \$4.00.

Yellow Bottom Sets—35c per lb.; 3 lbs. for \$1.00, postpaid. Not postpaid, peck, \$1.50; bu., \$4.50.

Potato Onion Sets—A species of Multiplier onion, increasing from bulb. ½ lb., 20c; lb., 40c; 3 lbs., \$1.00, postpaid.

Perennial, or Winter Sets—Also called Egyptian or Tree Onions. Produce earliest spring onions. 30c per lb., 3 lbs., 85c, postpaid. Not postpaid, peck, \$1.00; bu., \$3.00.



RED, WHITE AND YELLOW BOTTOM ONION SETS

Parsnips

One ounce will sow 200 feet of drill. Five pounds will sow an acre in drills.

Improved Guernsey—The roots are smooth, fine-grained and will cook as quick as potatoes. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

Hollow Crown—An old standard and still good. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

Parsley

One ounce will sow 150 feet of drill.

Market Gardener's—Dark Green curled, mossy leaves, very productive. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.25, postpaid.

Champion Moss Curled—Finely crimped and curled. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

Hamburg—Turnip-rooted variety, used for flavoring soups. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.25, postpaid.

Peanuts

Early Spanish—This variety can be grown and will ripen in Iowa. Pkt., 10c; lb., 40c; 3 lbs., \$1.00, postpaid.

Okra

Early Prolific—The earliest and most prolific. Just the sort for the north. The numerous pods are thick fleshed and keep coming until frost. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

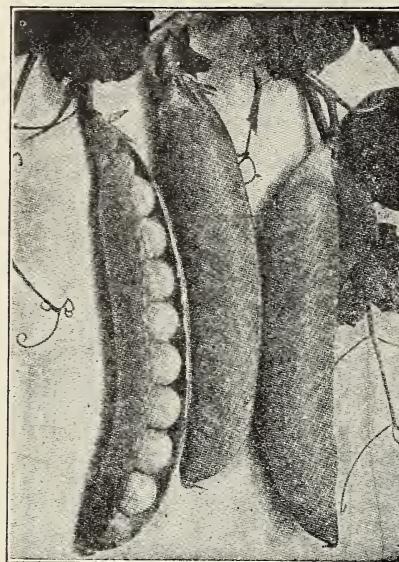
White Velvet—Pods are round and smooth, of attractive appearance. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

Kale

Extra Curled Mossback—A most attractive variety; fine crimped leaves. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.

Leek

Large Rouen—Largest and most uniform sort. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.



GRADUS OR PROSPERITY PEAS

***Gradus or Prosperity**—This remarkable pea is not only large and of best quality, but it is nearly as early as the small early sorts. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

***Everbearing**—Fine for main crop. Grows about 2 feet high, strong and vigorous. Continues to grow and produce pods of good size. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Peas

One pound will plant about fifty feet of drill.

Wrinkled varieties are marked *.
Alaska—Height, 2 feet. The earliest pea known, being earlier than Pedigree Extra Early. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Pedigree Extra Early—The best of the extra early varieties. Height, 12 inches. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

***Little Marvel**—Strong vine about 14 inches high, productive. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid, 30c per lb.

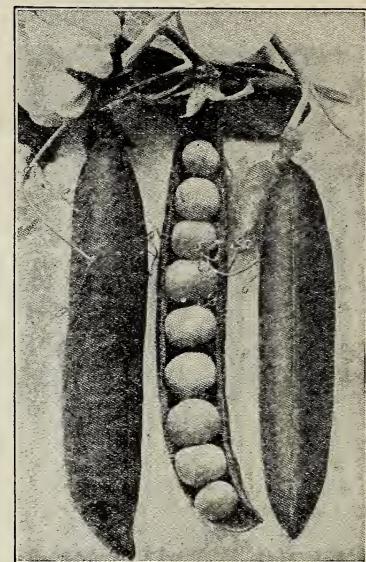
***American Wonder**—Popular extra early variety for family garden. Produces good-sized, well-filled pods of finest flavored peas. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

***Nott's Excelsior**—This is an improved Premium Gem. The improvement is in size of pods and productivity. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

***Improved Stratagem**—Noted for the immense size of pods and peas. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

***Champion of England**—Well-known standard sort; grows 4 to 5 feet high and requires support. 2-oz. pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid, 30c per lb.

Mammoth Luscious Sugar—The largest of the edible pod varieties. Requires support. Pkt., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid, 30c per lb.



EVERBEARING PEAS

Peppers

One ounce will produce about 1,800 plants.

Coral Bouquet—Very small, bright red and very hot. Pkt., 10c; oz., 75c; ¼ lb., \$2.25, postpaid.

Red Chili—Small, long fruit, but very hot. Used for pepper sauce. Pkt., 10c; oz., 50c; ¼ lb., \$1.60, postpaid.

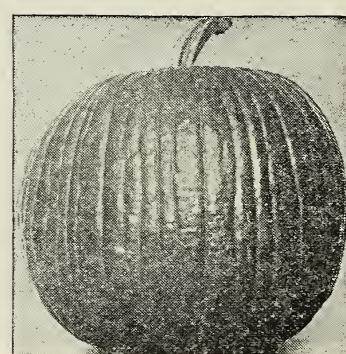
Sunnybrook—The best of the pimento class of sweet peppers. A bright red in color, about 2½ inches in diameter and is thick fleshed. Pkt., 10c; oz., 75c; ¼ lb., \$2.25, postpaid.

Pimento—A new and distinct pepper. Perfectly sweet. Does not ripen this far north. Pkt., 10c; oz., 50c; ¼ lb., \$1.50, postpaid.

Chinese Giant—Most gigantic of all giant peppers. A fine, mild pepper of enormous size, and brilliant, glossy scarlet color. Pkt., 10c; oz., 60c; ¼ lb., \$2.00, postpaid.

Ruby King—The standard variety for mangoes or sweet pickles. Fruits large, uniform, thick-meated and smooth. Mild flavor. Pkt., 10c; oz., 75c; ¼ lb., \$2.25, postpaid.

Mixed Peppers—A mixture of the above and other fancy varieties. Pkt., 10c; oz., 50c; ¼ lb., \$1.60, postpaid.



YANKEE PIE PUMPKIN

Pumpkin

One ounce will plant 25 hills; 4 pounds will plant one acre.

Yankee Pie—The New England Pie or Small Sugar pumpkin. Very sweet, fine grained and one of the best varieties for table use. Early. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

Large Cheese—Commonly known as "Sweet Pumpkin." Flat shaped with creamy buff skin and thick golden flesh. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. Five pounds by express or freight at 50c per lb.

Golden Russet—Also called Winter Luxury. Golden yellow, netted or russeted over surface. Small to medium size. Unsurpassed as a pie pumpkin and a good seller on market. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid.

Golden Cushaw or Jonathan—Large size, crooked neck shape of clear old gold color. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid.

Japanese Pie—This is similar in size and form to the Cushaw, but the skin is deep green. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid.

King of Mammoths—Very large, bright yellow, fine grained and of good quality. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

New Atlas—The largest of them all. Flesh rich yellow, very thick. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

Connecticut Field—The common field or cow pumpkin. Oz., 10c; ¼ lb., 25c; lb., by mail, 75c. Not prepaid, 10 lbs., \$6.00.



IRISH COBBLER POTATOES

Seed Sweet Potatoes

Thrive on any of the loam soils of the Middle West, and do especially well on sandy ground. We usually ship from April 12th to 20th and notify customers when we start them.

Early Yellow Jersey—Holds first place. Earliest and most productive; of large, short, chunky shape and of best quality. 10 lbs., \$1.25; one bushel basket, \$3.25.

Nancy Hall—A variety originated in the South. Flesh is dark colored and cooks a bright orange. Splendid for baking and is extra sweet and full of sugar. 10 lbs., \$1.25; one bushel basket, \$3.50. Ask for prices in quantities.

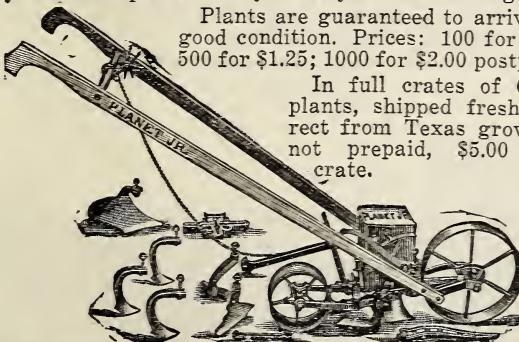
Bermuda Onion Plants

These plants produce the large sweet onion that you often see on the market.

These plants are grown from seed planted in Texas last fall. The young green plants are shipped to us and are ready to be transplanted and continue to grow. They should be planted early as they will stand a light frost.

Plants are guaranteed to arrive in good condition. Prices: 100 for 35¢; 500 for \$1.25; 1000 for \$2.00 postpaid.

In full crates of 6,000 plants, shipped fresh, direct from Texas growers, not prepaid, \$5.00 per crate.



NO. 4 PLANET JR. DRILL AND CULTIVATOR

Planet Jr. No. 4 Seeder and Cultivator—The No. 4 is the most popular combined garden seeder, plow and cultivator for small garden owners. Price complete, \$18.00. As a seeder only, \$14.25.

Planet Jr. No. 3 Hill and Drill Seeder—A seeder only. Price, \$17.50.

Planet Jr. No. 12 Double Wheel Hoe—A double and single wheel hoe in one. Price, \$10.75.

Planet Jr. No. 18 Single Wheel Hoe—A single wheel hoe, has one pair of 6-inch hoes. Price, \$5.75.

Ask for complete Planet Jr. catalog.

SEED POTATOES**Extra Early Ohio**

A special favorite with marketmen, and the most profitable they can grow. On account of early maturity you get the highest market prices. Will keep firm until late in the spring. Frequently sold under the name Early Six Weeks. Not prepaid, peck 50c; bushel \$1.50.

Extra Early Triumph

A popular first early variety. This is the round, red potato which is generally in our markets as new potatoes early in spring. The color is bright red. Not prepaid, peck 60c; bushel \$1.75.

Irish Cobbler

Has the form and color so popular in the market. Is prolific and profitable to the grower and has become a much prized variety. Not prepaid, peck 50c; bushel \$1.50.

Rural New Yorker

Preferred by large buyers because it is large, unusually smooth, with few and shallow eyes, skin white as is also flesh, which is of good quality. Medium late and the best drouth resister. Not prepaid, peck 50c; bushel \$1.50.



EXTRA EARLY TRIUMPH

Garden Tools

Concave and Curved Seed Potato Knife—Will pay for itself even if you have only a bushel of potatoes to cut.



Allows the giving of each eye its full portion of the potato. 30c each postpaid.

Eureka Potato Planter—The best hand potato planter that we know of, as it does the work perfectly. Price, \$1.50 by express.



Excelsior Weeding Hook—Can be used to advantage among small and tender plants. By parcel post, each, 25c; dozen, \$2.50; by express, 20c; dozen, \$2.25.

EUREKA POTATO PLANTER
Ask for Descriptive Circular of Garden Tools

Radish

One ounce will sow 100 feet of drill. Eight to ten pounds will sow one acre in drill.

Early Bird—The earliest of radishes. Round or turnip shape, of bright scarlet color and pure white flesh. Very desirable for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Early Scarlet Globe—This is the standard early round red radish. Is the gardener's standby for first early radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

French Breakfast—Of medium size and olive shape, with small top. Quick growth, beautiful scarlet color, shading to white at the tip. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Crimson Giant—A rapid-growing variety, developing roots of beautiful deep crimson, perfect in shape and grows large without getting pithy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Violet Queen—A small round or turnip-shaped variety of a beautiful violet-purple color, shading to white near the tip. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.50, postpaid.

Icicle—The favorite long white variety. Grows uniform in type and there are none that surpass it in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Early Long Scarlet or Short Top—An old standard variety of quick growth, long, slender root. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Sparkler—This is an extra early, white-tipped, round radish. The white tip is larger and more pronounced than in any other sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

White Strasburg—Of handsome, oblong shape, both skin and flesh being pure white. Excellent for summer use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Mixed Radish—Mixture contains all shades and shapes. One sowing does for the whole season, as they come early, medium and late. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Winter Radish

China Rose Winter—A bright rose-colored variety. The most popular of the winter radishes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

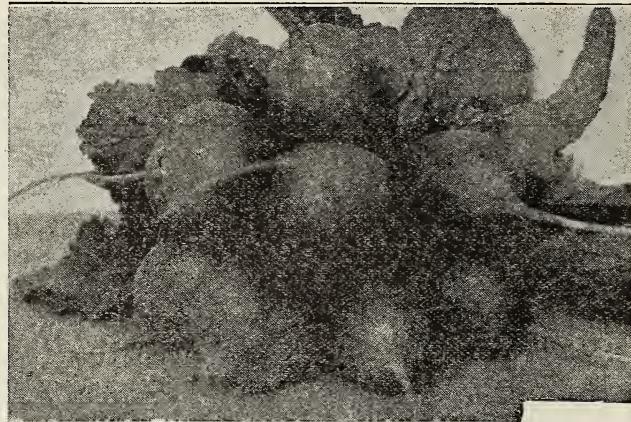
Long Black Spanish—A large, black-skinned radish, with firm white flesh of pungent flavor. A good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Spinach

One ounce to 80 feet of drill; 10 pounds will sow one acre.

New Zealand—This is a variety of great merit. It is of the "cut and come again" type of plants. It is ready to use by the time the early spinach has gone to seed and will continue to grow and produce its clusters of thick leaves until frost. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

Long Standing—This is standard with gardeners. The leaves are fleshy. Pkt.,



SCARLET GLOBE RADISH

5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c, postpaid.

Victoria—A variety distinguished for its very long standing qualities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c, postpaid.

Bloomsdale—A variety with long, narrow, pointed leaves, curled at the ends. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c, postpaid.

Salsify

Or Vegetable Oyster
One ounce sows 50 feet of drill.

Mammoth Sandwich Island—The best variety. The roots are white, smooth, and of superior quality. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.75, postpaid.

Rhubarb

One ounce will produce about 100 plants.

Wineplant, or Strawberry Rhubarb—The finest and richest flavored rhubarb. Stalks are smaller than other sorts, of a bright red color, and cook red. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

Victoria—The standard variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Ideal Mammoth—The largest pie plant. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

Rhubarb Roots

The roots we offer are large divided plants. Plant spring or fall setting three feet apart. We can supply plants of the three varieties described above. Specify the kind you want. Price each, 30c; 3 for 80c, postpaid. Not prepaid, 12 for \$1.35; 100 for \$9.50.

What Our Customers Say

Dear Sirs:

The seeds came and are O. K. I have purchased seeds from The Iowa Seed Company of Des Moines, Iowa, for more than forty years.

Yours very respectfully,
(Signed) Mrs. A. W. Wolever,
Delphi, Ind.

* * *

Gentlemen:

Please accept my thanks for the promptness and care with which you filled my small order for seeds. Also for the free packet of seeds. I sent order first of week and received it in less than a week.

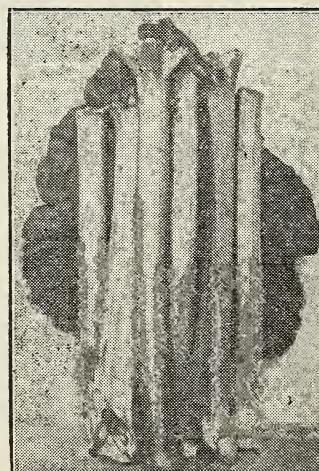
Very truly,
(Signed) E. H. Engelhart,
Seneca, Mo.

* * *

Kind Sirs:

I will write a few words of congratulation. I like to deal with The Iowa Seed Company. I am well pleased with all seeds I get from The Iowa Seed Co. I remain,

Yours resp't.,
(Signed) David Scott,
Ashland City, Tenn.



VICTORIA RHUBARB

Squash

One ounce of early varieties will plant about 40 hills, 2 pounds per acre. One ounce late varieties will plant about 20 hills, 4 pounds per acre.

Table Queen Squash—Introduced by us, and listed for several seasons under the name Des Moines squash. Just the right size, averaging 6 inches long and 4 inches in diameter. Color, dark green; shell hard, smooth and rigid. Just wash it clean, cut in half, take out the seeds, bake 20 minutes and you will have the nicest squash you ever tasted. Splendid for pies. Ripens in the fall. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Early Prolific Marrow—Color, brilliant orange-red. Good cooker and keeper. Useful as an early fall variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

True Hubbard—This is the most popular winter squash grown. Hard, green shell; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavor; keeps well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Golden Hubbard—Also called Red Hubbard. A counterpart of the old Green Hubbard, except in color, which is bright, deep orange-yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Syme's Blue Hubbard—A new strain of Hubbard. Color, clear, light blue; thick shelled and a good keeper. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.40, postpaid.

Banana—A distinct variety of fall and winter squash. Very prolific. Grows to 2 feet or over in length; very fine grained, heavy. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Golden Bush—The earliest of all and quite a favorite with all who like summer squash. Bright golden yellow color and of excellent quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

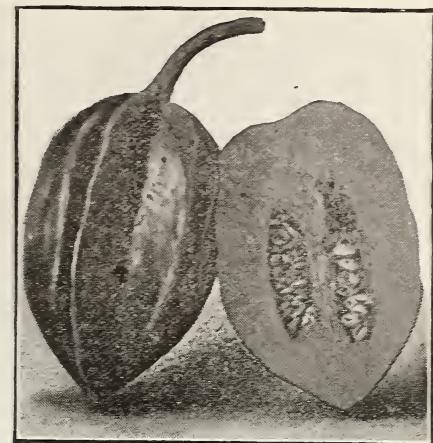


TABLE QUEEN SQUASH

White Bush Scalloped—Like Golden Bush. Sometimes called "Patty Pan." Differs from the Golden Bush in color only. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Early Bush Crookneck—Splendid, early, productive and of fine quality. Shape long, with curving neck; skin warted. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

Golden Ball (Orange Jelly)—A beautiful bright yellow fleshed turnip of medium size and universally sweet and delicious flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Purple Top Globe—The largest yielder of any turnip on the list. True to its name in shape and color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25; lb., 60c, postpaid. Not prepaid, 50c per lb.

Purple Top Strap Leaved—The standard for late planting. Of good size, flat shape, pure white below with purplish-red top. Excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid. Not prepaid, 50c per lb.

Rutabaga

Also called "Swede" turnips. A splendid table vegetable, also grown for stock feeding. Superior to turnips in quality.

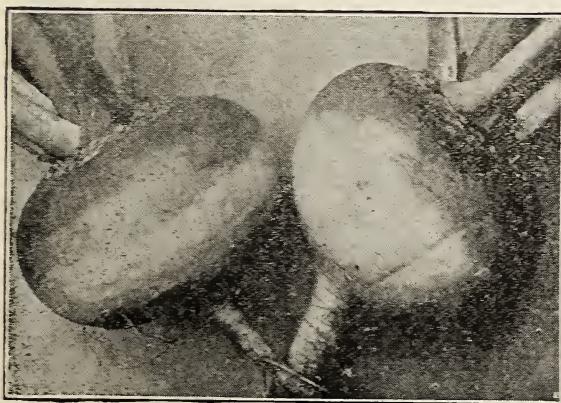
Improved American—Very solid, good shape, smooth skin, small neck, keeps well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c, postpaid.

Strawberry Plants

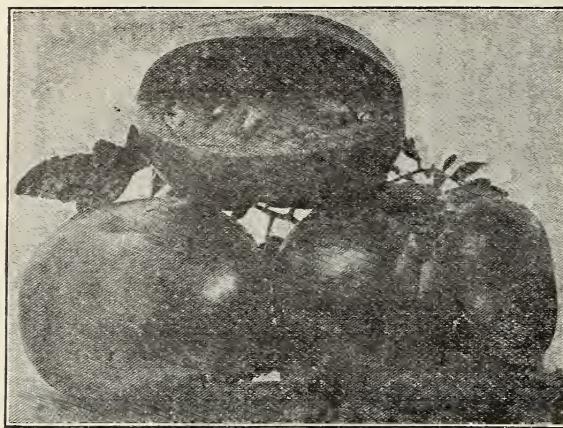
Strawberries will grow in any climate and thrive in most any soil. They are so easily grown and so abundantly satisfactory that they should be in every garden. We are offering just one variety of the June Bearing and one variety of the Everbearing sort.

Senator Dunlap (June Bearing)—Of medium size, very hardy and productive. Vigorous grower. Remains in bearing until quite late. Is unsurpassed in quality. Is still the best all-around variety. Dozen, 50c; 100 for \$1.75, postpaid. Not postpaid, 100 for \$1.50; 1,000 for \$11.50.

Progressive (Everbearing)—Of vigorous habits. The plants multiply better than most of the everbearing varieties. The berries are smooth and uniform in size; of deep crimson, glossy color and of excellent quality. Dozen, 75c; 100 for \$3.00, postpaid. Not postpaid, 100 for \$2.50; 1,000 for \$20.00.



PURPLE TOP GLOBE TURNIPS



MAJESTIC TOMATO

Marglobe—A main crop variety. Solid, good flavor, medium size, smooth red and globe shape. A large yielder in any section. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00, postpaid.

Majestic—An exceptionally good, large, main crop variety. Rosy pink in color. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Red Majestic—A companion of the Majestic variety. Cardinal red in color. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Golden Majestic—This bright yellow tomato completes the Majestic trio. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

One packet each of the three Majesties for 25c, postpaid.

Herbs

Anise—Seeds of agreeable aromatic taste. Pkt., 5c; oz., 25c.

Basil, Sweet—For flavoring soups. Pkt., 5c; oz., 15c.

Caraway—Seeds are used for flavoring bread, cookies, etc. Pkt., 5c; oz., 15c.

Catnip or Catmint—For seasoning. Pkt., 5c; oz., 30c.

Coriander—Seeds used in confectionery. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Dill—Used in making dill pickles. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 80c, postpaid.

Lavender—Used as a perfume. Pkt., 10c; oz., 25c.

Majoram, Sweet—For seasoning. Pkt., 5c; oz., 20c.

Poppy or Maw—Blue seeded. Pkt., 5c; oz., 10c.

Rosemary—Aromatic leaves for seasoning. Pkt., 10c; oz., 60c.

Sage—Much used for dressing. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Summer Savory—Used for flavoring. Pkt., 5c; oz., 20c.

Thyme—Leaves used for seasoning. Pkt., 5c; oz., 40c.

Wormwood—Used medicinally and also for poultry. Pkt., 5c; oz., 25c.

Mixed Varieties—A mixture of all the above. A nice garden assortment. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c, postpaid.

Mushrooms

The spawn we offer gives good results. Directions for culture sent on application. Per brick of 1 lb., by mail, 40c. By express or freight, not prepaid, 5 bricks, \$1.25; 10 bricks, \$2.25; 100 bricks, \$20.00.

Tomato

One ounce will produce about 2,500 plants.

Bonnie Best—A very early and desirable variety. The fruits are attractive in shape, solidity and color, which is bright scarlet. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

John Baer—This variety is offered as one of the earliest for home and commercial use. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Dwarf Champion—Also called Tree Tomato. Plant is dwarf and compact, stem stiff and short jointed. Early. Color, purplish pink. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Matchless—Well worthy of its name, for in beauty, color and symmetry of form it is without a peer. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Superlative—The best of all the main crop tomatoes. Fruits are medium size, very solid and without exception the best flavored red tomato we have ever grown. It is very handsome, being a pinkish crimson in color. Pkt., 10c; oz., 50c.

Livingston's Beauty—A standard variety that always gives satisfaction. In color it is purplish red. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Ponderosa—A well-known variety, rather late to mature. Fruits are very large and solid, of purple color. Inclined to be irregular in shape. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

Golden Queen—Large yellow. Its fruit is smooth and of finest flavor. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Preserving Tomatoes

Golden Nugget—Has no equal as a preserving Tomato. Fruits are beautiful golden yellow, about as large as a hulled black walnut. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

Yellow Pear—Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.00, postpaid.

Crimson Currant—A novel little fruit of bright crimson color; borne in clusters. Pkt., 10c; oz., 60c, postpaid.

Garden Plants

Asparagus Roots—Washington—Our roots are extra strong and healthy. Doz., 50c; 100 for \$2.50, postpaid. Not prepaid, 100 for \$1.75; 1000 for \$12.50.

Calamus—Plain Leaf (*Acorus*). Also called "Sweet Flag." The roots are the part used. Each, 15c; doz., \$1.50, postpaid.

Chives—Perfectly hardy little perennials of the onion tribe, and are grown entirely for their tops. Roots per bunch, 15c; 3 for 40c, postpaid.

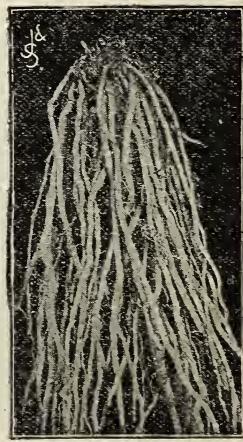
Garlic—Species of onion. It is quite pungent. and is used for flavoring soups, stews, etc. Per lb., 70c, postpaid. By express, 5 lbs. or more at 40c per lb.

Horse Radish—Grow it in your own garden and grate fresh. Price, crown sets, 50c per doz.; \$2.50 per 100, postpaid. Root cuttings, 25c per doz.; \$1.50 per 100, postpaid. Ask for price in large lots.

Monarda Didiyma—Also called Scarlet Bergamot and Oswego Tea. Each, 15c; 3 for 40c; doz., \$1.25, postpaid.

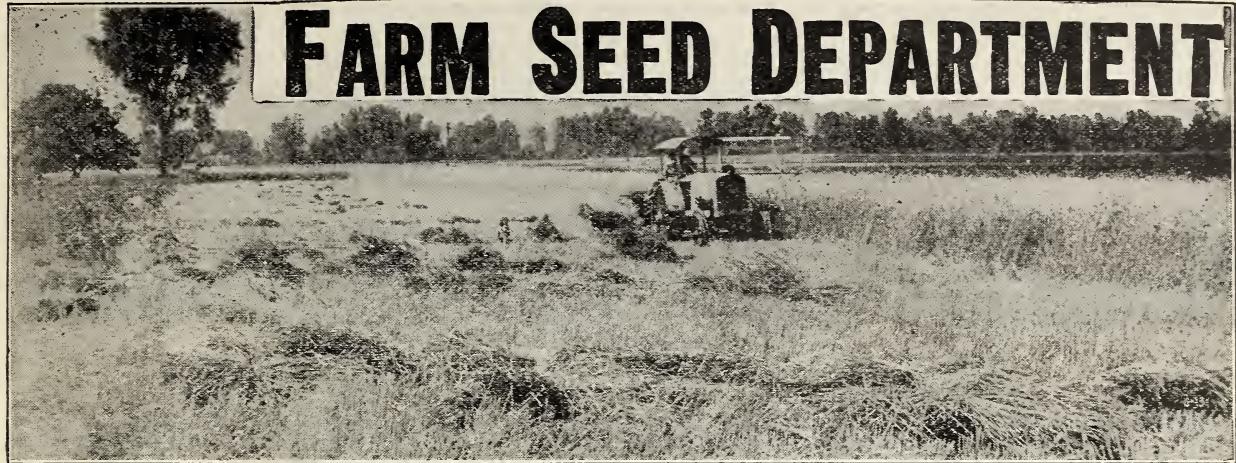
Peppermint—All children know and like the flavor of peppermint. It has a high medicinal value. Each, 15c; 3 for 40c; doz., \$1.40, postpaid.

Spearmint—Commonly called mint, used for flavoring salads, garnishing meat, etc. Each, 25c; 3 for 40c; doz., \$1.00, postpaid.



ASPARAGUS ROOTS

FARM SEED DEPARTMENT



All the wealth of Agriculture is taken from the soil. No matter how rich the soil the right seed must be selected to turn this fertility into marketable form.

The best seed is always cheapest in the end, for it makes the most profit for the grower.

In selecting crop seed we keep in mind, always, the greatest yield with the least labor.

IOWA SHIELD BRAND SEED has made its reputation on this basis. Free from weeds, hardy varieties, high yielding strains, all make for a higher yield per acre with less labor per bushel.

Iowa Shield Brand seeds are not sold through dealers. Order direct from us to get the genuine Iowa Shield Brand.

SHIPPING—Our shipping facilities are excellent, and we can give you prompt service. We do not pay freight or express on farm seeds, but we deliver to the depot here and furnish bags without charge.

PRICES—Prices named in this department are subject to important market changes. We print a weekly price list during the spring season. If you will write us, sending list of your requirements, we will take pleasure in sending samples and quoting latest prices.

You take no risk when you order from us as all orders are sent out with the understanding that seed must be satisfactory to you or it may be returned to us within 15 days and the money paid will be refunded. This gives you time to inspect and test or to have it inspected and tested by any authority, and we will abide by the report. There is no sale until you are satisfied.

ABOUT WARRANTING—We thoroughly test all our seeds and nothing is sent out which we do not believe to be good in every respect. However, we give no warranty, express or implied, as to description, quality, productivity, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, and the money paid for same will be refunded. We know of no responsible seed firm in the world which guarantees seeds any further than this.

Seed Disinfectants

The treatment of seeds with Semesan Disinfectants shows a decided improvement in the quality and quantity of the crop. You should use these treatments on all the seed you plant. Ask for descriptive circulars.. They are free.



CLOVER AND GRASS SEEDS

Clovers

We do not handle imported clover or alfalfa as quality is always inferior, besides the danger of weed seeds.

Medium or Common Red Clover—This is the most important of all clovers and the standard everywhere for hay and pasture. See Red Ink List.

Mammoth Red Clover—This is also called Sapling or Pea Vine clover. It resembles the Medium Red, but grows coarser and more vigorous. See Red Ink List.

Alsiike Clover—Alsiike clover is a perennial variety and because it does not die out, it is preferred for permanent pastures and meadows. See Red Ink List.

White Dutch Clover—The low-growing, creeping, hardy, white-flowered sort. Its principal use is in permanent pastures. Per lb., 75c, postpaid. See Farm Seed Price List for quantity prices.

Timothy and Alsiike Mixture—We mix this ourselves to safeguard quality and proportion. Twenty-five pounds Alsiike to 75 pounds Timothy. See Red Ink List.

Alfalfa

Grimm—We are offering true Dakota-grown stock of this variety. We use the greatest care to provide our customers with genuine Grimm. Per lb., 60c; 3 lbs., \$1.75, postpaid. See Farm Seed List.

South Dakota No. 12—A select strain of common Alfalfa. Our seed is South Dakota grown and very hardy. Per lb., 50c; 3 lbs. for \$1.45, postpaid. See Red Ink List.

Sweet Clover

White Biennial (Melilotus Alba, or Bokhara)—The white-flowered variety. Per lb., 30c; 3 lbs., 75c. See Red Ink List.

Yellow Biennial (Melilotus Officinalis)—Very similar to the white-flowered. Not so rank and coarse. Lb., 30c; 3 lbs., 75c. See Red Ink List.

Hubam, Annual Sweet Clover—This is the annual white-flowered Sweet Clover. Price, 50c per lb.; 3 lbs., \$1.40, postpaid.

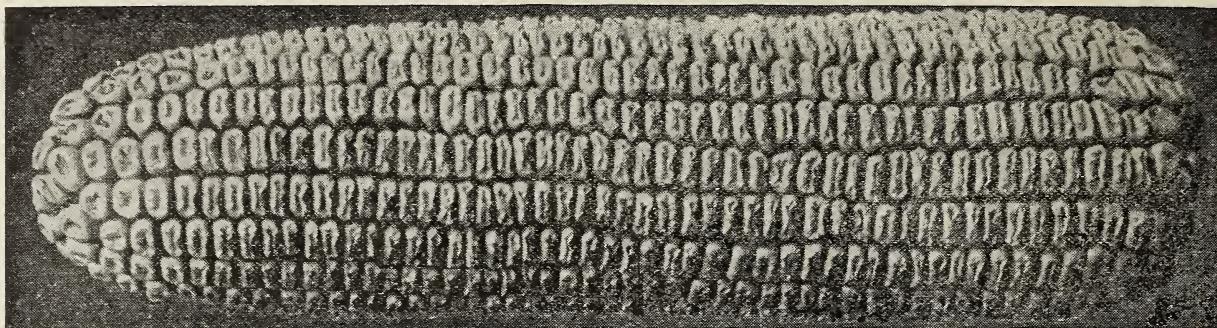
Grass Seed

Timothy—Is the foundation grass for meadow and pastures. Per lb., 25c; 3 lbs., 50c, postpaid. See Red Ink List.

Iowa Shield Kentucky Blue Grass—It thrives in all parts of the United States. Postpaid, per lb., 65c; 3 lbs., \$1.80. See Farm Seed Price List.

Orchard Grass—Thrives better in shaded situations than other grasses. Per lb., 40c; 3 lbs., \$1.00, postpaid. See Farm Seed Price List.

Perennial Rye Grass—Also known as English Rye Grass. Lb., 40c; 3 lbs., \$1.00, postpaid. See Farm Seed Price List.



IOWA GOLD MINE CORN

Seed Corn

All our seed corn has been grown right here in Polk County. It has been harvested before frost and carefully cured to protect its vitality. All the harvesting and preparation of our seed corn has been supervised by men who have had several years of experience in the production of seed corn. This means that the seed corn you buy from us will produce a much better return than poorly harvested corn grown from crib-run seed. The varieties we offer are leaders throughout the Corn Belt.

Iowa Gold Mine—This wonderful yellow variety was one of the first we originated. Extremely deep grain, with small cob. Matures early, making an excellent feeding corn. A good yielder. Prices: Not prepaid—7 lbs., 90c; peck, \$1.50; bushel, \$5.00; 10 bushels, \$47.50.

Iowa Silver Mine—This large white variety was introduced by us years ago. It is the standard white kind, and will produce well on poor soil. Matures in 100 days in this section. Prices: Not prepaid—7 lbs., 90c; peck, \$1.50; bushel, \$5.00; 10 bushels, \$47.50.

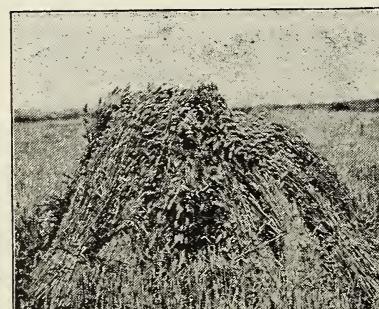
Krug Yellow Victor—This wonderful yellow corn has made good throughout the Corn Belt. It is an early maturing, high yielding type that stands at the head of the list of pure-bred varieties. Prices: Not prepaid—7 lbs., 90c; peck, \$1.50; bushel, \$5.00; 10 bushels, \$47.50.

Pride of the North—An extra early yellow variety originated near the Minnesota line. The ears are 7 to 8 inches long with small cob. Very uniform and matures in this section when planted in June. It is suitable for late planting when you have been unable to plant the larger varieties at the proper time. Prices: 7 lbs., 90c; peck, \$1.50; bushel, \$5.00; 10 bushels, \$47.50.

Longfellow Flint—The best yellow variety of flint corn. Ready to feed nearly a month ahead of the Dent varieties. A good yielder that makes excellent live stock feed. Prices: Not prepaid—7 pounds, 90c; peck, \$1.50; bushel, \$5.00; 10 bushels, \$47.50.

Copper Cross Corn—This is the pioneer of the crossbred corns. It has given very satisfactory results for five seasons. An excellent high yielder for the central and north central sections of the state. Prices: Lb., 50c, postpaid. Not prepaid, 7 lbs., \$1.50; peck, \$2.75; bushel, \$8.00.

Hi-Bred Corn—This yellow cross-bred corn has been produced by the Hi-Bred Corn Co. and, by special arrangement with them, we are enabled to offer it to our customers. Ask for booklet telling more about this wonderful new corn. Prices: Pkt., 10c; lb., 50c, postpaid. Not prepaid, 7 lbs., \$1.75; peck, \$3.00; bushel, \$10.00.



Seed Oats

Iogold—This wonderful new variety is the latest introduction by Prof. L. C. Burnett at Ames College. Although yellow in color its high yielding quality has placed it at the head of the list. Per bu., \$1.40; 10 bu. or more at \$1.30.

The Iowar Oat—Professor Burnett's introduction at Ames College. The professor says it is three days later, three inches taller, and yields three bushels per acre more than White Kherson (Iowa 103). Per bu., \$1.00; 10 bu. or more at 90c.

White Kherson (Iowa 103)—A very early white variety. It is without doubt the most popular variety in our state. Per bu., \$1.00; 10 bu. or more at 90c.

The Richland Oat (Iowa 105)—The best variety for rich, strong land. The grains are medium sized, light yellow in color, plump and heavy. Per bu., \$1.00; 10 bu. or more at 90c.

Seed Wheat

Marquis—We have found it the best beardless variety for Iowa planters. Grows stiff, strong straw of medium height, has round dark red kernels and matures early. Popular because free from beards. Per lb., 25c; 3 lbs., 50c, postpaid. Per bu., \$2.00. See Red Ink List.

Early Java—The early bearded sort that is so prolific and gives best returns in the Corn Belt. Per bu., \$2.00. See Red Ink List.

Seed Barley

Oderbrucker—Improved strain of standard six-row barley. It is an early variety, very strong, stiff straw, stands up and stools well. Per lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List for quantity price.

Velvet—Barley has always been very valuable for feeding and this new smooth bearded variety does away with all objections to growing barley. It yields better than the bearded sorts. Per bu., \$1.75; 10 bu. or more at \$1.65.

Seed Rye

Mammoth Spring Rye—Does not stool like winter rye. Not less than two bushels to the acre should be sown. Per bu., \$2.50. See Red Ink List for quantity price.

Monster Winter—It is usually sown in the fall. If sown early in the spring, it makes an early and abundant pasture, but makes no grain crop. Per bu., \$2.25. See Red Ink List for quantity price.

Buckwheat

Buckwheat is a valuable crop. Generally sown in July and fills up vacant plots at a time when all other planting is past. Use one-half bushel seed per acre.

Japanese—Is more productive than any other and succeeds well farther north. Lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List for quantity price.

Seed Flax

Our seed is thoroughly cleaned. Per lb., 15c; 8 lbs., \$1.00, not prepaid. See Red Ink List for quantity price.

Broom Corn

Evergreen—The brush is noted for fine quality, good length and handsome appearance. Lb., 25c; 3 lbs., 65c, postpaid. See Red Ink List.

Sunflower

The very best poultry feed for winter.

Mammoth Russian—Extremely large sunflower. Large pkt., 5c; lb., 25c; 3 lbs., 50c, postpaid. By freight or express, not prepaid, 10 lbs., \$1.50; bu., (25 lbs.), \$3.50.

White Canada Field Peas

Their value is for early hay. Sow early as the ground can be worked, one bushel of peas to two bushels of oats per acre. Cut when oats are in milk. Lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List for quantity price.

Cow Peas

Cow Peas—We can supply the Whippoorwill variety. Per lb., 25c; 3 lbs., 60c, by mail postpaid. See Red Ink List for quantity price.

Dwarf Essex Rape

A very popular and useful green forage crop. Fine for quick pasture for hogs, sheep or chickens. Pkt., 5c; lb., 25c; 3 lbs., 60c, postpaid. Not prepaid, 10 lbs., \$1.50; 25 lbs., \$3.00. See Red Ink List for quantity price.

Sand or Winter Vetch

Should be seeded in the fall. Makes fine pasture in the spring. Also used for hay. Gathers nitrogen like clover. Pkt., 10c; lb., 40c; 3 lbs., \$1.00, postpaid.

Sudan Grass

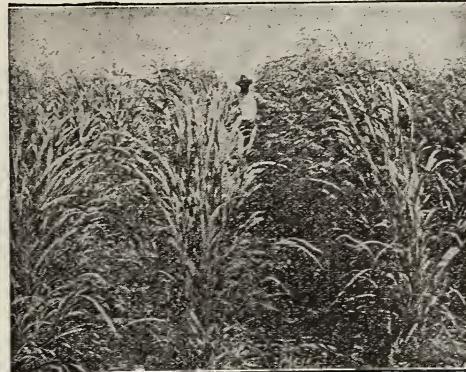
Sudan has made a place for itself as a forage and hay crop. Sow 8 to 10 pounds drilled or 15 to 20 broadcast per acre. Will make two cuttings for hay if sown early or one good crop of hay, and pasture afterwards until frost. Lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List for quantity price.

Early Amber Cane

The best sorghum cane, recommended for northern planters as it matures early. Use only 5 pounds seed per acre. Per lb., 25c; 3 lbs., 60c, postpaid. Not prepaid, 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$8.00.

Early Orange Cane

It is a few days later to mature than the Amber. The syrup is somewhat lighter than that made from the Amber variety. Per lb., 25c; 3 lbs., 60c, postpaid. Not prepaid, 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$8.00.



SUDAN GRASS



SOY BEAN PLANT

Cane for Fodder or Silage

It is valuable as green forage, as hay or fodder, and as silage. It is wonderfully productive. See Red Ink List.

Kaffir Corn

Grown here principally as a poultry feed, for which purpose it is excellent. Also has some value for forage. Price, per lb., 25c; 3 lbs., 50c, postpaid. See Red Ink List.

Feterita

Similar to Kaffir Corn in general habit. It matures earlier than Kaffir and the grains are somewhat larger and softer. Per lb., 25c; 3 lbs., 50c, postpaid. See Red Ink List for quantity price.

Milo Maize

Belongs to the same family as Kaffir Corn. Grain is light red color. Per lb., 25c; 3 lbs., 50c, postpaid. See Red Ink List for quantity price.

Soy Beans

Soy beans make a wonderful high protein forage and the mature beans make wonderful cow and hog feed when ground. We list the best varieties for this section.

Manchu—The most valuable and most popular of all soy beans. Prices: Lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List.

Dunfield—A new variety, grows taller than the Manchu. Beans bright yellow in color. Matures about the same as Manchu but yields more. Prices: Lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List.

Millets

Nothing like millet to make up shortage in hay. Can be sown in the middle or end of July and makes a valuable crop. Sow 50 pounds per acre for hay.

Iowa Shield German Millet—This is an extra fancy grade of the true Golden Millet. Per lb., 25c; 3 lbs., 60c, postpaid. See Red Ink List for quantity price.

Siberian Millet—Frequently called Red Millet. Lb., 20c; 3 lbs., 50c, postpaid. See Red Ink List for quantity price.

Manitoba Millet—Sometimes called Hog Millet. Much used for poultry feed, as it is heavy and plump. Lb., 20c; 3 lbs., 50c, postpaid. See Red Ink List.

Grass Seed

Red Top—Very hardy perennial. Solid seed. Per lb., 40c; 3 lbs., \$1.00, postpaid. See Farm Seed Price List.

Bermuda Grass—Withstands heat and drouth wonderfully. It runs over the ground, forming a dense turf. Per lb., 75c; 3 lbs., \$2.00, postpaid.

Permanent Grass Mixtures

These mixtures we make up to suit the various purposes and conditions. Nothing but good, new seed of high germination is used. The proportions are based on State Experiment Station experience. Made up for the following uses:

Upland Meadow, Lowland Meadow, Upland Pasture, Lowland Pasture, Woodland Pasture. See Red Ink List for prices.

FLOWER SEEDS

The decorative value of flowers around our homes cannot be overestimated. You should plant them liberally. Last year we added a large number of new varieties of flower seeds to our list. The result was so gratifying that we have further improved the group of both annual and perennial flowers.

To avoid mistakes in filling your order we have listed the flower seeds by number. This will simplify ordering because you need to use only the number on your order. Annual varieties of flowers are marked \odot . Perennial are marked \star . Climbers are marked $+$. Prices quoted on flower seeds include postage.

Asters \odot

Double California Giant—A new and wonderfully large aster. Exceptionally satisfactory.

500 White 502 Finest Mixed 504 Dark Purple
501 Light Blue 503 Deep Rose

Each of the above: Pkt.,
15c; $\frac{1}{4}$ oz., \$2.00.

Early Wonder—The best extra early variety. Flowers are of good size, quite double and stems straight and stiff.

510 Carmine 512 Light Blue
Rose 513 Finest

511 Lavender Mixed
Each of the above: Pkt.,
10c; $\frac{1}{4}$ oz., \$1.25.

Queen of the Market—These well-known, early flowering asters are of a branching habit, about 18 inches high. They are one of the most useful for early market purposes.

520 Crimson 524 Purple

521 Dark Blue 525 White

522 Pink 526 Finest

523 Lavender Mixed

Each of the above: Pkt.,
5c; $\frac{1}{4}$ oz., 50c.

Single Flowering—Produces single, daisy like flowers. Different from the other types of asters.

540 Deep Blue 543 White

541 Deep Rose 544 Finest

542 Lavender Mixed

Each of the above: Pkt.,
10c; $\frac{1}{4}$ oz., 50c.

Royal—This is a recently developed type of large-flowering asters that will be appre-

ciated by everyone. Petals are broad, curved or shell-shaped, giving an exquisite effect.

550 Lavender 552 Deep Rose 554 White
551 Purple 553 Shell Pink 555 Finest Mixed
Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Improved Crego—Plants robust, about two feet high. Flowers large, double and well formed, of the Comet type, making a fine variety for all purposes.

560 Azure Blue 562 Deep Rose 564 Shell Pink
561 Lavender 563 Purple 565 Finest Mixed
Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Ostrich Feather—These are the finest of the Ostrich Feather class, having long, full, fluffy flowers. Plants grow about two feet high and are very robust.

570 Dark Blue 572 Shell Pink 574 Finest Mixed
571 Deep Rose 573 Sky Blue
Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Improved Branching—This is the most popular florists' strain. It is also a fine type for outdoor growing.

580 Crimson 584 White
581 Pink 585 Finest
582 Lavender Mixed
583 Purple

Each of the above: Pkt.,
10c; $\frac{1}{4}$ oz., 50c.

Astermums—Plants grow erect, two to three feet high. Flowers large, double, well-formed, of the Comet class. A little earlier than the Crego.

590 Lavender 593 Finest
591 White Mixed
592 Rose Pink

Each of the above: Pkt.,
10c; $\frac{1}{4}$ oz., 75c.

600 Heart of France—This is the deepest and most brilliant red of any of the asters.
Pkt., 10c; $\frac{1}{4}$ oz., 90c.

610 Banner Blue—The nearest to a pure blue in asters.
Pkt., 10c; $\frac{1}{4}$ oz., 90c.

620 Snowdrift—A large, full, double white of sturdy growth. Very free flowering. Pkt.,
10c; $\frac{1}{4}$ oz., \$1.25.

630 Banner Aster Collection
—One packet each of Heart of France, Banner Blue and Snowdrift for 25c.



ROYAL ASTER



AQUILEGIA

Acroclinium ◎

A beautiful everlasting. Very delicate flowers.
640 Double Red 641 Double Mixed
Each of the above: Pkt., 5c; $\frac{1}{4}$ oz., 30c; oz., 90c.

Ageratum ◎

650 Blue Perfection—Flowers large and of deep blue.
651 Albiflorum—Like Blue Perfection, only flowers are white.

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Alyssum ◎

660 Sweet—Has little white flowers, useful for small bouquets. Makes pretty edging. Pkt., 5c; $\frac{1}{4}$ oz., 15c; oz., 40c.

661 Little Gem—Very dwarf and remarkably uniform. Only 3 or 4 inches high. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

662 Lilac Queen—A new color in Alyssum. Becomes more pronounced the latter part of summer. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

663 Mixed—Mixture of above colors. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 50c.

Amaranthus ◎

Hardy annuals. Sow early in spring.

670 Purple Mantle—Has large purple leaves, which do not fade in hot weather. The large fronds of reddish-purple flowers almost cover the plants. Pkt., 10c; oz., 40c.

671 Tricolor—Well known as "Joseph's Coat." Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

672 Caudatus (Love Lies Bleeding)—Produces long, drooping chains of brilliant-colored flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 50c.

673 Mixed Varieties—Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 40c.

Ambrosia--Perfume Plant

680 Long spiral stem with abundant buds and blossoms. Very fragrant. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Ammobium ◎

690 Alatum Grandiflora—A pretty everlasting white flower. Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Antirrhinum ◎

Tall Giant Flowered—This is the newest creation in Giant Antirrhinum and is a marked advance over the older tall types in size and brilliancy of color.

- 700 Bunch of Lilacs—Lilac purple.
- 701 Canary Bird—Yellow with gold center.
- 702 Copper King—Velvety copper-scarlet.
- 703 Purple King—Deep, glowing purple.
- 704 Snowflake—Pure white with yellow tube.
- 705 The Rose—Rose pink.
- 706 Finest Mixed.

Each of the above: Pkt., 15c; $\frac{1}{4}$ oz., \$1.25.

Medium Giant Flowered—These are the giant flowered type, but they do not grow so tall. Fine for bedding.

- 710 Fascination—Pearly pink.
- 711 Gloria—A large, deep rose.
- 712 Golden Queen—A clear yellow.
- 713 Grenadier—Orange-scarlet, white tube.
- 714 Purity—Pure white.
- 715 Finest Mixed.

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Aguilegia ★

(Columbine)

Free flowering and deservedly popular hardy plants. Bloom profusely through spring into early summer. Hardy perennial.

720 Long Spurred Hybrids—The spurs on these are very long. Many colors, all showy. Pkt., 25c; $\frac{1}{4}$ oz., \$2.00.

721 Chrysanth—The beautiful, large-flowered, yellow Columbine. Pkt., 10c; $\frac{1}{4}$ oz., \$2.00.

722 Coreulea—The true Rocky Mountain blue Columbine. Pkt., 10c; $\frac{1}{4}$ oz., \$2.50.

723 Double Varieties Mixed—A fine assortment. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Arctotis Grandis ◎

730 Remarkably handsome annual. Its flowers, borne on long stems, are large and showy, with a yellow zone at base. Back of petals lilac-blue. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 90c.

Balloon Vine ◎+

740 A pretty, rapid-growing climber. Flowers white, followed by balloon-like seed pods. Pkt., 10c; oz., 30c.

Balsam ◎

750 Peerless Mixed—A mixture of best strains. Flowers are double and all colors. Pkt., 10c; oz., 60c.

Scarlet Runner Bean ◎

760 A valuable climbing bean, having bright scarlet flowers and pods. Very showy as a climber; also valuable for table use. Pkt., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Brachycome ◎

770 Also called "Swan River Daisy." Covered during summer with a profusion of flowers. Blue and white. Pkt., 5c; $\frac{1}{4}$ oz., 50c.

Browallia ◎

780 Grandiflora—Form dense little bushes, covered with abundance of delightful sky-blue flowers. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Bryanopsis ◎+

790 A splendid climber with pretty cherry-like green fruits which change to bright scarlet, striped with white. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Burning Bush ◎

800 One of the best annual border or hedge plants, so symmetrical in form. Turn vivid red in the fall. Easily grown. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 50c.

Butterfly Flower ◎

810 This large-flowering variety of Schizanthus challenges the rare orchids in beauty. Easily grown. Pkt., 5c; $\frac{1}{4}$ oz., 50c.

Cacalia ◎

820 *Coccinea* — Sometimes called Tassel Flower or Flora's Paint Brush. Pkt., 5c; $\frac{1}{4}$ oz., 50c.

Calendula ◎

An annual of the easiest culture.

830 *Orange King*—Compact double flowers of bright orange color. Very beautiful. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

831 *Fine Mixed*—Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 50c.

Calliopsis ◎

Very showy. Two feet high. A wonderfully successful annual.

840 *Golden Wave*

841 *Crimson King*

842 *Golden King*

843 *Finest Mixed*

Each of the above: Pkt., 5c; $\frac{1}{4}$ oz., 15c; oz., 50c.

Campanula

850 *Cup and Saucer* ★—A beautiful variety, presenting form of cup and saucer, hence its name. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 80c.

851 *Single Mixed* ◎—A choice mixture of single sorts. Pkt., 5c; $\frac{1}{4}$ oz., 40c.

852 *Double Mixed* ◎—Choicest seed from double varieties. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

Canary Bird**Flowers** ◎ +

860 A climber of delicate, finely cut foliage and curious bright yellow flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Candytuft ◎

Easy to cultivate and blooms profusely. Hardy annual one foot high.

870 *Giant Empress*—Covered with pure white, fragrant flowers. Fine edging. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

871 *Crimson*—Companion to Giant Empress, and will be appreciated because of its unusual color. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

872 *Best Mixed*—Mixture of all varieties and colors. Pkt., 5c; $\frac{1}{4}$ oz., 15c; oz., 50c.

Canna ◎

880 *Fancy Large Flowered*—Very large flowering, dwarf varieties 3½ feet tall. Mixture of finest flowering sorts. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

Canterbury Bells ★

890 *Campanula Medium*—A very pretty perennial, popular and well known. Double and single, mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Cardinal Climber ◎ +

920 A hybrid of Cypress Vine and Morning Glory. Bright cardinal flowers. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

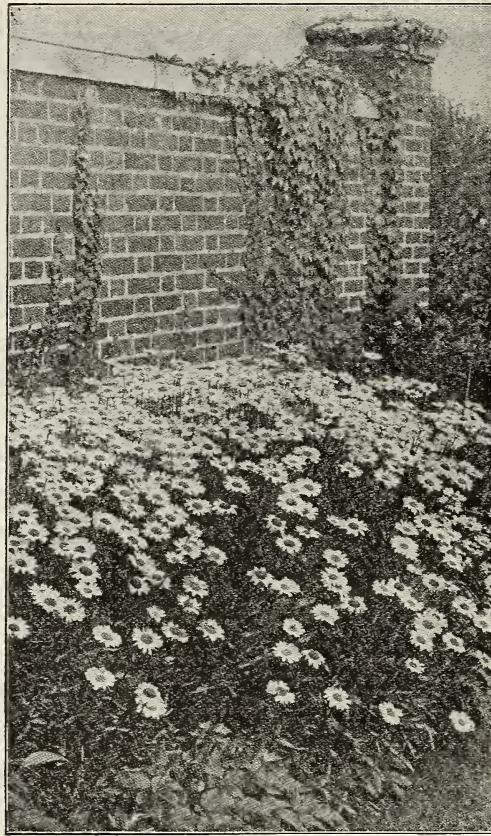
Carnation ◎

Finest of the *Dianthus* or *Pink* family. Very fragrant. Flowers double.

900 *Dark Red* 902 *White* 904 *Finest Mixed*

901 *Scarlet* 903 *Yellow*

Each of the above: Pkt., 15c; $\frac{1}{4}$ oz., \$1.25.



(See description on page 19.)

SHASTA DAISIES

910 *Marguerite*—Plants are of vigorous, dwarf, erect growth. Markings and shading wonderful. Colors mixed. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Celosia ◎

930 *Spicata*—A wonderful variety about 2½ feet in height and producing spikes of flowers of a bright rose color, when opening changing to silvery white. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

931 *Ostrich Feather*—Has beautifully curled plumes of various colors. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Centaurea ◎

Cyanus Double (Bachelor's Button or Cornflower)—An attractive flower for naturalizing purposes. Re-seeds itself readily.

940 *Blue* 943 *Brick Red*
941 *Pink* 944 *Finest Mixed*
942 *White*

Each of the above: Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

945 *Gymnocarpa (Dusty Miller)*—The foliage of this variety is finely cut and silvery. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.20.

946 *Americana*—The giant of the Centaureas. Flowers are four inches across and bloom a long time. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.20.

Imperialis—Improved Sweet Sultan; long stemmed, graceful blossoms, deliciously fragrant.

947 *Red* 947B *Purple* 947D *Finest Mixed*
947A *Deep* 947C *White*

Lavender

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

Chinese Woolflower ◎

Childsii—Produces numerous fluffy heads, resembling wool. If flowers are dried in a dark place they will retain their rich colors all winter.

950 *Dark Pink* 952 *White* 954 *Crimson*
951 *Yellow* 953 *Scarlet* 955 *Finest Mixed*

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 90c.

Clarkia ◎

960 A very pretty and desirable hardy annual. Flowers are white, red, purple, etc., borne in profusion during summer. Single and double mixed. Pkt., 5c; $\frac{1}{4}$ oz., 50c.

Cobaea Scandens ◎ +

970 A magnificent climber of rapid growth and beautiful blue flowers. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

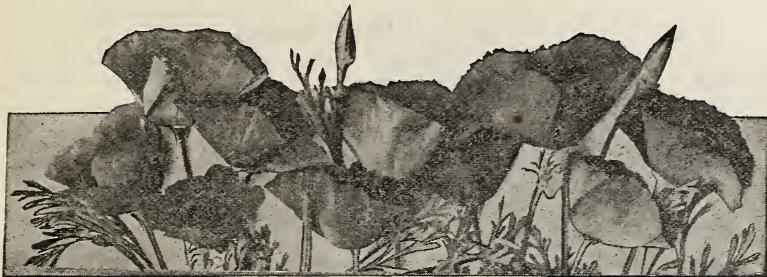
Cockscomb ◎

-980 *Giant Empress*—The Empress is the finest and most gorgeous variety. Purple combs and dark brown foliage. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

981 *All Varieties Mixed*—Pkt., 10c; $\frac{1}{4}$ oz., 65c.

Coreopsis ★

990 *Lanceolata*—Hardy perennial form of Calliopsis. Bright golden yellow. Blooms all summer. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.



ESCHSCHOLTZIA (California Poppy)

Cosmos ◎

Early Dawn—Is early, coming into bloom about two months from time of sowing and continuing until frost.
1001 White 1002 Crimson 1003 Finest Mixed
1001A Pink

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

Early Double Crested—A new early strain of the wonderful Double Crested Cosmos. We recommend them highly.

1010 Pink Beauty 1012 White Queen
1011 Crimson King 1013 Finest Mixed
Each of the above: Pkt., 15c; $\frac{1}{4}$ oz., \$2.00.

Cynoglossum ◎

(Chinese Forget-Me-Not)

The flowers are of a beautiful shade of blue. It grows on tall, graceful branches from 18 to 20 inches in height. Cut the flowers as they bloom and it will flower continually throughout the summer. It is ideal for bedding as well as for cut flowers. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Cypress Vine ◎+

1030 A beautiful, rapid climber with delicate dark green foliage and an abundance of star-shaped scarlet and white blossoms. Mixed colors. Pkt., 5c; oz., 50c.

Dahlia ◎

The Dahlia is well known, but few are aware that if the seed is sown early in the spring they will bloom the first year.

1040 Double Mixed—Pkt., 10c; $\frac{1}{4}$ oz., \$1.50.

Daisy ◎

1050 Best Double Mixed—Low-growing sorts for massed beds or borders. Known as English Daisies. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

1051 African Golden—This showy annual comes from South Africa. Blossoms are a peculiar, rich, glossy color. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Shasta Daisy ★

1060 Alaska—The best of the Shasta Daisies. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

Delphinium ★

(Perennial Larkspur)

The Delphiniums are deservedly among the most popular perennials.

1070 Belladonna—Light blue, hardy and fine. Pkt., 20c; $\frac{1}{4}$ oz., \$2.00.

1071 Bellemosum—Dark blue. Better than old Formosum. Pkt., 25c; $\frac{1}{4}$ oz., \$2.50.

1072 Butterfly—A distinct variety, growing about 18 inches high, with fine, feathery foliage. Large blossoms of intense gentian blue. Pkt., 10c; $\frac{1}{4}$ oz., 80c.

1073 Gold Medal Hybrids—The finest strain with immense spikes of large flowers. Many colors. Pkt., 25c; $\frac{1}{4}$ oz., \$1.20.

Dianthus ◎

Dianthus or Chinese Pinks furnish abundance of gay and pretty flowers until frozen.

1080 Oriental or Japanese Mixed—Markings and colors are rich and brilliant. Striped, blotched and banded. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

1081 Fireball—Very beautiful. Flowers are perfectly double and color a rich, velvety blood red. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1082 Snowball—Fit companion to above. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1083 Double Diadem Pink—A superb, large double flower. Magnificent in color. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Dolichos ◎+

(Hyacinth Bean)

A rapid-growing annual climber, flowering freely in clusters, followed by ornamental pods.

1090 Daylight—Pure white. Pkt., 10c; $\frac{1}{4}$ lb., 60c.

1091 Darkness—Both flowers and seed pods are a purplish red. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

1092 Mixed Colors—Pkt., 5c; $\frac{1}{4}$ lb., 45c.

Electric Light Plant ◎

1100 A sturdy, bushy plant of about 4 feet, covered constantly with large spikes of flowers, which are pure white at base and range from rose to bright red at top. Showy and ornamental. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Eschscholtzia ◎

(California Poppy)

An excellent low-growing bedding plant. Very brilliant and showy. Easy to grow.

1110 Chrome Queen—Amber yellow.

1111 Dainty Queen—Pink and yellow.

1112 Mandarin—Orange and scarlet.

1113 Vesuvius—Red.

1114 Finest Single Mixed.

1115 Finest Double Mixed (Yellow and White Only).

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Euphorbia ◎

1120 Variegated—(Snow on the Mountain.) Foliage ornamental, veined and margined white. Pkt., 5c; $\frac{1}{4}$ oz., 40c.

Four o'Clock ◎

(Mirabilis)

Marvel of Peru—A most brilliant, showy annual. Much used for ornamental hedges.

1130 Mixed Colors and Varieties—A fine assortment. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Foxglove ★

A showy perennial, easily grown. Always pleases.

1140 White 1142 Purple

1141 Rose 1143 Finest Mixed

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Gailardia (Blanket Flower) ★

Beautiful and showy. Plants 1 and 2 feet high. Red and yellow colors dominate.

1150 Josephus—Large red blossoms edged with yellow.

1151 Crimson and Orange.

1152 Finest Single Mixed.

1153 Finest Double Mixed.

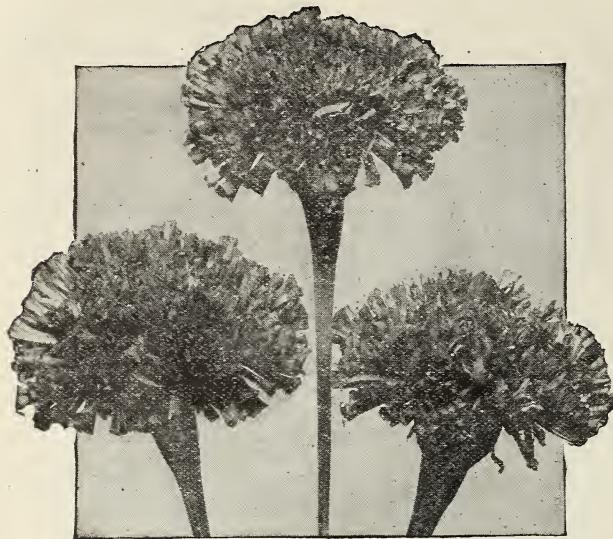
Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

Geranium ◎

1160 Good Venture—It is fun to watch the little seedlings grow into large geraniums. Pkt. (about 40 seeds), 15c; $\frac{1}{4}$ oz., \$1.25.

Globe Amaranth ◎

1170 Mixed Colors—Popularly known as "Bachelor Buttons." Many colors. Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c.



PRIDE OF THE GARDEN MARIGOLD

Godetia ◎

A handsome, showy annual deserving more extensive cultivation. About 1 foot high, of dwarf, compact growth.

- | | |
|------------|-------------------|
| 1180 White | 1182 Pink |
| 1181 Red | 1183 Finest Mixed |
- Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Gourds—Ornamental Mixed ◎+

1190 A mixture of the odd-shaped and fancy colored sorts. Pkt., 5c; oz., 25c.

Grass Pinks ★

1200 Double Clove Pinks—A fine type of the pretty clove-scented flowers, so much loved by our grandmothers. Colors range from pure white to dark red. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Gypsophila ◎

Graceful plants of light fairy-like growth. Fine for combining with other flowers for bouquets.

- | | |
|----------------------|--------------------|
| 1210 Elegans White | 1212 Elegans Pink |
| 1211 Elegans Carmine | 1213 Elegans Mixed |
- Each of the above, Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.
- 1124 Paniculata Alba ★—Single perennial. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 80c.
- 1215 Paniculata ★—White. Double perennial. Pkt., 25c.

Helichrysum ◎

Very pretty and popular, bearing large double flowers of different shades and colors. Particularly useful in winter decoration.

- | | |
|-------------|-------------------|
| 1220 Yellow | 1223 Scarlet |
| 1221 White | 1224 Violet |
| 1222 Red | 1225 Finest Mixed |
- Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 60c.

Heliotrope ◎

1230 California Mammoth—A grand variety, producing immense flowers. Pkt., 10c.

Hibiscus

1240 Mehan's Marvel Mallow★—Produces wonderful flowers 8 to 10 inches in diameter. Colored from pure white to fiery red. Splendid for permanent planting. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.00.

- 1241 Golden Bowl ◎—Enormous flowers, 5 to 6 inches across. Canary color with large, black center. Pkt., 10c.

Hollyhocks

1250 Everblooming Annual ◎—Sown in the open ground in April, it blooms in August. Colors varied. Double, semi-double, single. Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

Chater's Prize Double ★—Magnificent double flowers 3 to 4 inches across. Of the brightest colors. Flowers beautiful and perfect, massed completely around spikes.

- | | |
|--------------|-------------------|
| 1251 White | 1254 Rose |
| 1252 Pink | 1255 Maroon |
| 1253 Crimson | 1256 Finest Mixed |
- Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Ice Plant ◎

1260 A handsome and curious plant for hanging baskets, rockwork and vases. The leaves and stems appear as though covered with crystals. Pkt., 5c; $\frac{1}{4}$ oz., 30c.

Job's Tears ◎

1270 Produces beautiful seeds, about one-fourth inch in diameter, which are used like beads in fancy work. Pkt., 5c; $\frac{1}{4}$ lb., 40c.

Kudzu Vine ◎

(Jack and the Beanstalk)

- 1280 Hardy, very rapid-growing vine. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Larkspur ◎

Tall Double Stock Flowered—3 or 4 feet high. Wonderfully large and showy. Fine for cut flowers.

- | | |
|--------------------|-------------------|
| 1290 Blackish Blue | 1293 Rose |
| 1291 Light Blue | 1294 Violet |
| 1292 Purple | 1295 Finest Mixed |
- Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 75c.

1296 Emperor—Low growing. Fine for bedding work. Produces white flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Linum

1300 Grandiflora Rubrum ◎ (Scarlet Flax)—A showy annual. Crimson scarlet flower. Pkt., 5c; $\frac{1}{4}$ oz., 15c; oz., 50c.

1301 Perennial★—A beautiful, hardy perennial. Blooms constantly. Delicate blue flowers. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Lobelia ◎

1310 Erinus—Handsome, trailing plant. Flowers blue. Fine in vases and hanging baskets. Pkt., 10c.

1311 Compacta—The upright growing variety. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

Marigold ◎

1315 Pride of the Garden—We have selected these until the choicest only are contained in this strain. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

1316 Orange Ball—A tall-growing, large, double-flowering variety; very satisfactory. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

1317 Lemon Ball—A companion of the Orange Ball only the color is a clear lemon yellow. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

DWARF FRENCH DOUBLE

- 1320 Brown—Spotted yellow.

- 1321 Gold Striped.

- 1322 Golden Yellow—Brown margin.

- 1323 Pigmy Golden Ball.

Each of the above, Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 60c.

DWARF FRENCH SINGLE

- 1330 Diadem—Mahogany red, edged gold.

- 1331 Gold Star—Yellow, striped maroon.

- 1332 Legion of Honor (Little Brownie).

- 1333 Star of India—Crimson, striped yellow.

- 1334 Silver King—Pale yellow, maroon at base.

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 60c.

Mignonette ◎

1340 Machet—Distinct variety of great merit. Vigorous dwarf growth with large spikes of scented red flowers. Pkt., 5c; $\frac{1}{4}$ oz., 15c; oz., 50c.

1341 Sweet Scented—Mixed colors. Pkt., 5c; oz., 30c.

Momordica ◎

1350 Commonly known as Balsam Apple or Balsam Pear. Pkt., 10c; oz., 90c.

Moonflower ◎+

1360 White—One of the grandest summer climbers, covered nightly and dull days with beautiful flowers from 5 to 6 inches in diameter. Fragrant. Pkt. of 6 seeds, 10c; oz., 75c.

1361 Blue—A striking contrast to the true White Moonflower. Pkt., 10c; oz., 75c.

Morning Glories ◎+

1370 Imperial Japanese—Remarkable for the large size and exquisite colors of the flowers. Single. Pkt., 10c; oz., 40c.

1371 Fringed Japanese—Odd, yet attractive appearance. Similar in size and coloring to the Imperial strain. Pkt., 10c; oz., 50c.

1372 Improved Climbing—The regular Morning Glory. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

1373 Brazilian—One of the most luxuriant plants ever grown. With immense leaves and flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 90c.

Myosotis ◎

(Forget-Me-Not)

1380 Victoria—The best variety for pot culture. Of dwarf, globular habit. Beautiful sky-blue flowers. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Nasturtiums ◎**DWARF VARIETIES**

1390 Aurora—Deep chrome yellow, blotched and veined purplish carmine. Pkt., 10c; oz., 30c.

1391 Beauty—Scarlet-splashed canary yellow. A fine variety. Pkt., 10c; oz., 30c.

1392 Chameleon—Crimson, gold and bronze, bordered and flamed. Pkt., 10c; oz., 30c.

1393 Empress of India—Dark purplish leaves and brilliant scarlet flowers. Pkt., 10c; oz., 30c.

1394 General Jacqueminot—Named for the rose; flowers bright crimson scarlet. Pkt., 10c; oz., 30c.

1395 King Theodore—The "black" nasturtium; deep velvety crimson. Pkt., 10c; oz., 30c.

1396 Ruby—Bright and brilliant carmine color. Profuse bloomer. Pkt., 10c; oz., 25c.

1397 Vesuvius—Bright salmon pink, veined deep orange. Brightest shade in list. Pkt., 10c; oz., 30c.

1398 Imperial Mixed—A mixture of the best varieties. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

TALL VARIETIES

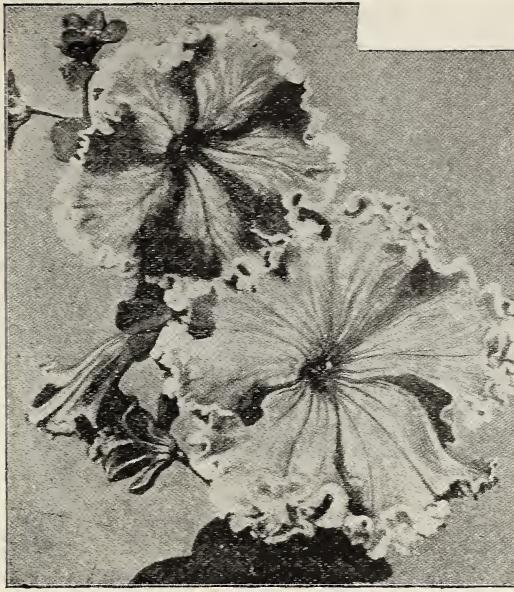
1400 Firelight—Brilliant cardinal red. Brightest and most attractive color. Pkt., 10c; oz., 30c.

1401 Midnight—Dark-brownish red; profuse bloomer. Fine in mixed beds. Pkt., 10c; oz., 30c.

1402 Moonlight—Pale straw or lemon yellow. A delicate soft shade. Pkt., 10c; oz., 25c.

1403 Sunlight—Rich brilliant yellow color. Crinkled flowers of immense size. Pkt., 10c; oz., 30c.

1404 Twilight—Lovely delicate flower of salmon rose or pink. Pkt., 10c; oz., 35c.



GIANT FANCY PETUNIA

1405 Caprice—Changing colors, often a dozen different shades on a plant. Pkt., 10c; oz., 35c.

1406 Tall Varieties Mixed—The best mixture of tall nasturtiums. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

1407 Brilliancy Nasturtium Collection—1 pkt. each of the 8 Dwarf varieties for 50c. 1 pkt. each of the 6 Tall varieties for 40c. Both collections, 85c.

Nicotiana ◎

One of the easiest of the annuals to raise. Flowers open evenings. Highly perfumed.

1410 White

1411 Finest Mixed

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Nigella ◎

1420 Mixed (Love in the Mist)—A compact, free-flowering plant with finely cut foliage, curious-looking seed pods. Of easy culture. Blue and white mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 60c.

1421 Miss Jekyll—A lovely variety, bearing on long stems large semi-double flowers of a lovely tender blue, nestling in fine feathery foliage. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

Pansies

1430 Pretioso—A new strain. Contains the widest range of colors, most diversified markings, and velvety substance. Pkt., 10c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00.

1431 American Giant—This strain is of strong, robust luxuriant growth and produces immense flowers. Pkt., 15c; $\frac{1}{4}$ oz., \$3.00; oz., \$8.00.

1432 Masterpiece—Distinct in form of flowers, the border of every petal undulated and curled. Flowers are large. Pkt., 10c.

1433 Giant Trimardeau—Flowers of very large size. Each flower marked with three blotches or spots and stands well above foliage. Choice mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00.

Separate Colors—We can furnish Giant Flowered Pansies in the following separate colors:

1434 White

1437 Red

1435 Blue

1438 Black

1436 Yellow

Each of the above, pkt., 10c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00.

Pennisteum ◎

1440 Commonly called Purple Fountain Grass. Pkt., 10c.

Pentstemon ★

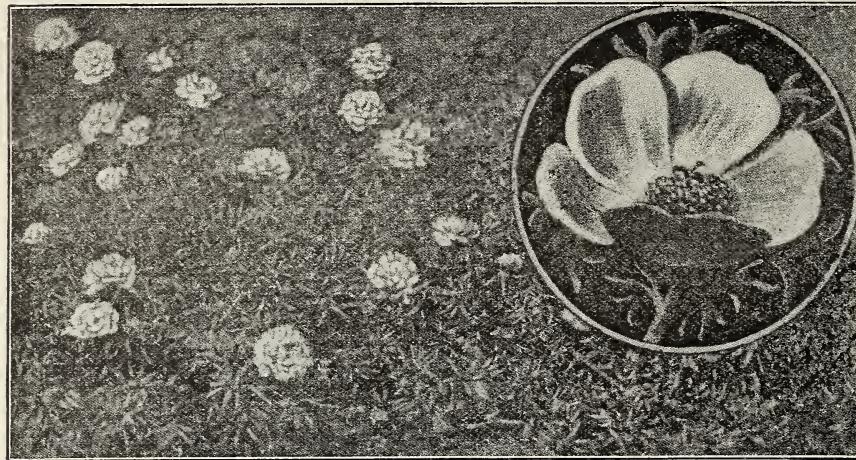
1450 Finest Mixed—Many spikes of Gloxinia-like flowers. Pkt., 10c; $\frac{1}{4}$ oz., \$1.90.

Petunias ◎

Rosy Morn—A beautiful new petunia of clear rosy pink. A lovely shade for solid beds. Splendid for window boxes. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

Giant Fancy—The flowers are exquisitely ruffled or fringed, and of enormous size. Unlimited varieties of colors, linings, blotchings, and stripings. Pkt., 25c.

Inimitable Mixed—Large flowers with clear, bright colors. Pkt., 10c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.



PLANT OF DOUBLE PORTULACA

FLOWER OF SINGLE PORTULACA

PETUNIAS—(Continued)

Large Flowered—Easy to grow. Very satisfactory. Fine for bedding.

- | | |
|------------|---------------------------|
| 1460 White | 1463 Striped and blotched |
| 1461 Red | 1464 Finest Mixed |

1462 Violet, white throat
Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 60c.

Dwarf Type—Dwarf, neat, compact bushes covered with small flowers all summer long. Fine for edging and bedding.

- | | |
|------------|-------------------|
| 1470 Rose | 1473 Violet |
| 1471 White | 1474 Finest Mixed |

1472 Striped and Blotched
Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

Balcony Type—Extra large flowering sorts especially recommended for window and porch boxes.

- | | |
|------------|-------------------|
| 1480 Blue | 1482 Scarlet |
| 1481 White | 1483 Finest Mixed |

Each of the above, Pkt., 25c.

Phlox Drummondii ◎

A brilliant, almost dazzling show; continual bloom.

- | | |
|---------------|-------------------|
| 1490 Crimson | 1494 Violet |
| 1491 Lilac | 1495 White |
| 1492 Primrose | 1496 Finest Mixed |

1493 Scarlet
Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Poppies ◎

Double Carnation—Splendid assortment of best double carnation-flowered sorts.

- | | |
|--------------------|-------------------|
| 1500 Cherry Red | 1503 White |
| 1501 Salmon Pink | 1504 Finest Mixed |
| 1502 Vermilion Red | |

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Double Peony Flowered—Double ball-shaped flowers of gigantic size.

- | | |
|---------------------|----------------------------|
| 1510 Cardinal Red | 1513 Red and White Striped |
| 1511 Brilliant Rose | 1514 White |
| 1512 Light Lilac | 1515 Finest Mixed |

1516 Double Shirley—It is a true Shirley or satin poppy, but the flowers are a beautiful double. Pkt., 15c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

1517 American Flag—Flowers are extra large, very double, snow white, bordered with scarlet. Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c.

1518 Santa Rosa Mixed—Improved Shirley Poppy. Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Perennial Poppies★

1519 Oriental Hybrids—For brilliancy nothing equals these. Flowers enormous size. Pkt., 20c; $\frac{1}{4}$ oz., \$1.25.

1519a Iceland—Colors purest white to deepest orange scarlet. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

Portulaca ◎

1520 Grandiflora Single Mixed—Also known as rose moss. Pkt., 5c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

1521 Double Mixed—The old favorite flowers are double as a rose, brilliant with many shades of color. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

Pyrethrum ◎

1530 Golden Feather—Beautiful golden-leaved foliage plants. Pkt., 10c.

Roseum Hybridum—Painted daisies. Always please. Hardy perennial.

1531 Pink 1534 Flesh
1532 White 1535 Finest
1533 Red Mixed
Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

Rhodanthē ◎

1540 Mixed Colors—For winter bouquets. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Ricinus (Castor Oil Plant) ◎

1550 Cambodiensis—Has large, palm-like leaves of darkest reddish maroon. Grows 7 to 8 feet. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

1551 Zanzibarensis—Grows to a height of 12 to 14 feet, with leaves 2 to 4 feet across. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

1552 Fiery Plume—Has fiery red spikes of flowers and seed pods very striking. Grows 8 to 12 feet. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c.

1553 Mixed Varieties—Mixtures of the above and many other choice sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

1554 Common—The common Castor Bean. Pkt., 5c; oz., 10c; lb., 50c. Ask for price in quantity.

Salpiglossis ◎

Plants about 18 inches high, bearing through the season large flowers. Very attractive and should be in every garden.

1560 Brown and Gold	1564 Black
1561 Crimson and gold	1565 Violet and Gold
1562 Dark Red	1566 Finest Mixed
1563 Yellow	

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 75c.

Salvia ◎

1570 Splendens—Brilliant scarlet. Grows 2 to 3 feet. One of the most satisfactory bedding plants. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.

1571 Bonfire—Dwarf, compact, free-blooming sort. Much earlier than Splendens and brighter in color. Pkt., 10c; $\frac{1}{4}$ oz., \$1.50.

Scabiosa (Mourning Bride) ◎

Fine for cut flowers. We offer the large flowering double varieties.

1580 Ageratum Blue	1584 Yellow
1581 Black Purple	1585 White
1582 Cherry Red	1586 Finest Mixed

Each of the above, Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Sensitive Plant ◎

1590 Very pretty and curious plants, its leaves closing when touched. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Smilax ◎

1600 Specially valued for decorating and floral work all the year. Pkt., 10c; $\frac{1}{4}$ oz., 50c.



Deservedly a universal favorite. A constant bloomer and has a sweet fragrance.

New Century Mammoth—The most beautiful colors, largest flowers and largest clusters.

1700 Scarlet, white eye	1705 Yellow
1701 Pink shades	1706 Purple, white eye
1702 Purple shades	1707 Scarlet
1703 Blue Shades	1708 Finest Mixed
1704 White	

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

1710 *Candidissima*—Large clusters of pure white flowers. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1711 *Defiance*—A true scarlet, large and extra fine. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1712 *Banner Blue*—A fine blue. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1713 *Banner Verbena Collection*—Red, white and blue. One packet each of our national colors, 25c; $\frac{1}{4}$ ounce of each, \$1.00.

Wallflower \odot

Fine for outdoor bedding and cut flowers. Greatly prized for their exquisite fragrance.

1730 Red	1733 Brown
1732 Yellow	1734 Finest Mixed
Each of the above: Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c.	

Wistaria $\star\star$

1740 One of the most popular hardy vines, easily grown from seed. Pkt., 10c.

Zinnia \odot

1745 Gold Medal Dahlia Flowered—The largest and best Zinnias grown. Mixed colors. Pkt., 25c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

Splendor—You will wonder at their large size and clear colors.

1760 Bright Rose	1764 Scarlet
1761 Yellow	1765 White
1763 Purple	1767 Finest Mixed

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Pigmy or Lilliput—Plants are small and of bushy growth. Beautiful little blossoms.

1780 Canary Yellow	1783 White Gem
1781 Dark Crimson	1784 Finest Mixed
1782 Golden Gem	

Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Flower Seed Mixtures

1790 Wild Garden Mixture—Contains many surprises. Pkt., 5c; $\frac{1}{4}$ oz., 10c; oz., 25c.

1810 Flowers for Bouquets \odot —Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1830 Mixed Everlasting (Straw Flowers) \odot —Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Statice (Sea Lavender) \odot	Large spreading panicles. Has light, graceful flowers. Much used for winter decorations when dried.
1610 Lavender	1612 White
1611 Pink	1613 Finest Mixed
Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.	

Stocks Perpetual \odot

(Cut and Come Again)

1620 Red	1623 White
1621 Deep Rose	1624 Yellow
1622 White Tinted Carmine	1625 Finest Mixed
Each of the above: Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.	

Sunflower \odot

1631 *Globe of Gold*—Double, about 4 feet high. Branching stems. In bloom it seems a mass of golden yellow. Pkt., 10c; oz., 25c.

1633 *Rainbow Sunflower*—Colors range from primrose to dark red. Beautifully mottled. Pkt., 10c.

Spencer Sweet Peas $\odot+$

1640 *America*—Ivory white with distinct stripes of bright crimson. Pkt., 10c; oz., 40c.

1641 *Barbara*—Salmon color without markings or shading. Pkt., 10c; oz., 40c.

1642 *Elfreda Pearson*—One of the largest flowers yet introduced. Color is pink, of a most lovely shade. Pkt., 10c; oz., 30c.

1643 *Fiery Cross*—The standard is bright orange scarlet, while the wings are rich orange cherry shade. Pkt., 10c; oz., 40c.

1644 *Florence Morse*—Very delicate rose color, shaded a little darker pink at edges. Pkt., 10c; oz., 30c.

1645 *King Manoel*—Deep, rich maroon. Pkt., 10c; oz., 35c.

1646 *King White Spencer*—The best white variety. Pkt., 10c; oz., 40c.

1647 *Primrose Spencer*—Finest quality of primrose shade. Pkt., 10c; oz., 30c.

1648 *Masterpiece*—Color is soft, pleasing lavender with wings of French grey. Pkt., 10c; oz., 30c.

1649 *Royal Purple*—The color is so rich that it will astonish with its beauty. Pkt., 10c; oz., 40c.



Perennial flowers are so satisfactory that every garden should have a perennial border or, at least, a corner where they can grow undisturbed. They will increase in beauty from year to year. We list varieties that are perfectly hardy and ones that should do well in any soil.

Our Iowa climate, with its cold winters and hot, dry summer weather, produces hardy perennial plants that are exceptionally vigorous and capable of withstanding even more severe climates.

All of our perennials are field grown and are shipped the day they are dug. We are sure that their quality will please you.

Achillea

Roseum—Has finely cut foliage. Flowers are rose color, fading to pink. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

The Pearl—Large white double. Fine for cutting and are used by florists for piece work. Each, 20c; 3 for 50c; dozen, \$1.75, postpaid.

Anchusa

(Italica)—(3 ft.) Has rather coarse, hairy leaves. Blossoms of lovely shades of blue on tall, spreading spikes. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Aster

Grows 3 feet tall. Has good foliage and is covered from August till frost with small, bright blossoms. Pink, red, white, purple or lavender. Each, 25c; 3 for 50c.

Astilbe

(Japonica)—A plant with leaves like Spirea. Has pink, feathery blossoms on a spreading plume. Each, 25c; 3 for 50c.

Bleeding Heart

Flower stalks have sprays of pendulous red hearts. Foliage fine. This is one of the fine, old-fashioned, hardy plants that was found in every garden a generation ago. Our stock is strong and free from disease. Large roots. Each, 75c; 2 for \$1.00; dozen, \$4.50, postpaid.

Boltonia

(Latisquama)—(5 ft.) The foliage is light gray-green. The bush is covered during August and September with pink flowers much like the aster. Each, 25c; 3 for 60c, postpaid.

Calameris

Has an abundance of white blossoms like daisies in August.

Grows 4 feet high. Flowers are nice for cutting. Each, 25c; 3 for 50c; dozen, \$1.25, postpaid.

Chinese Lantern Plant

(Scarlet Ground Cherry)—The large scarlet pods or lanterns are used for winter bouquets. Each, 20c; 3 for 40c; dozen, \$1.25, postpaid.

Coreopsis

A very popular hardy flower with bright yellow blossoms from June to October, 3 feet tall. Each, 25c; 3 for 50c; dozen, \$1.25, postpaid.

Day Lily

A plant of neat habit that is fine for borders and will do well in the shade. Has tall spikes of flowers in July. Blue only. Each, 20c; 3 for 40c; dozen, \$1.25, postpaid.

Delphinium

Gold Medal Hybrids—Most flowers have two colors. No two are just alike. Very fine. Each, 35c; 3 for 75c; dozen, \$2.75, postpaid.

Foxglove

Digitalis—(3 to 5 ft.) These stately old garden favorites have tall spikes of blossoms which range from white to purple. Protect them with straw the first winter. Each, 30c; 3 for 75c; dozen, \$2.50, postpaid.

Gaillardia Grandiflora

(Blanket Flower)—(20 in.) Flowers are bright orange and red in rays or rings. Very attractive and showy. Good for cutting. Half a dozen plants will supply bouquets all summer and fall. Each, 20c; 3 for 40c; 6 for 75c, postpaid.

Gypsophila

(Baby's Breath)—A spreading gray-green bush covered with myriads of tiny blossoms on feathery panicles. Fine for bouquets. Much used by florists. Each, 20c; 3 for 40c; dozen, \$1.40, postpaid.

Linum

(Perennial Flax)—One of the prettiest. Foliage is gray-green and fresh crops of sky-blue flowers cover it each morning. Each, 20c; 3 for 40c; dozen, \$1.25, postpaid.

Lythrum

This is one of the newer perennials and a very fine one. It grows about 30 inches tall and has spikes of rose-colored blossoms all summer. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.



ASTILBE

Phlox

Hardy phlox are very desirable because they bloom abundantly during July and August. The varieties we offer are all field grown and are good, popular sorts.

B. Comte—Rich, satiny, red flowers. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.

Bridesmaid—Pure white, with large crimson-carmine eye. Each, 35c; 3 for 90c; dozen, \$2.50, postpaid.

Miss Lingard—Pure white, the earliest of all. Blooms all summer; fine for cut flowers. Each, 35c; 3 for 90c; dozen, \$2.50, postpaid.

Mrs. Chas. Dorr—A tall, vigorous lavender. Each, 35c; 3 for 90c; dozen, \$2.50, postpaid.

Rhynstrom—Beautiful rosy pink color. A good, strong grower and very free-flowering. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.

Sir Edwin Landsier—A good light red, slightly tinged with rose. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.

Mixed—Fine large plants in mixed colors. Three for 50c; dozen, \$1.50; or one each of the six named above for \$1.90.

Mallows

(Mehan's Marvel)—(4 ft.) An improved Hibiscus. Has large flowers 10 inches in diameter. Mixed colors only. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Monarda

(Didyma)—The plant has a mint fragrance. Flowers are bright scarlet. Each, 20c; 3 for 40c; dozen, \$1.40, postpaid.

(Mexican Red)—Flowers larger than Didyma; of rosy purple. Each, 30c; 3 for 60c; dozen, \$2.00, postpaid.

Pentstemon

One of the newer perennials. Tall stalks of bright flowers like antirrhinums. Each, 25c; 3 for 50c; dozen, \$1.50, postpaid.

Physostegia

(False Dragon Head)—Has white or pale pink flowers on tall stalks. Will bloom from July till frost if kept cut. Each, 20c; 3 for 40c; dozen, \$1.40, postpaid.

Platycodon

(Balloon Flower)—(3 ft.) Rather a spreading plant, with large, bright blue flowers. Buds are like inflated balloons. Each, 25c; 3 for 50c; dozen, \$1.50, postpaid.

Polemonium

(Jacob's Ladder)—Free-flowering, hardy herb. Flowers are sky blue and are borne in loose heads. Foliage is fern-like. Price: 35c each; 3 for 90c; dozen, \$3.00, postpaid.

Poppy

(Oriental)—Blooms the last of May. Has bright blossoms 6 inches in diameter. Colors are the shades of scarlet or crimson. Plants should be set out in August and have a light mulch the first winter. They are a little difficult to start, but are well worth the effort. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.



HARDY PHLOX

Primrose

The common yellow English primrose. Blooms freely in early summer. Multiplies rapidly. Each, 30c; 3 for 60c; dozen, \$2.25, postpaid.

Pyrethrum

(Painted Daisy)—(20 inches.) Has pretty cut foliage and daisy-like flowers. Colors are shades of pink or red. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Rudbekia

(Golden Glow)—One of the largest of the perennials and good for screen planting. Grows 6 feet high and is covered with myriads of bright yellow flowers. Each, 25c; 6 for 75c; dozen, \$1.25, postpaid.

Saponaria

(Bouncing Betty)—Has clusters of double orchid and white flowers from June till frost. Will grow anywhere. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Sedum Spectabilis

This is the largest of the Stonecrops or Live-Forever family. Has large umbels of rose-colored blossoms in August. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Shasta Daisy

This is a fine selection of the popular white-flowered daisy. Each, 25c; 3 for 50c; dozen, \$1.50, postpaid.

Solomon's Seal

A graceful native plant. Has 3-foot stems with rows of green blossoms in pairs, followed by blue-black berries. Each, 30c; 3 for 60c; dozen, \$2.25, postpaid.

Sweet William

(12 inches.) A spreading plant with large clusters of flowers. Most of our stock is double and ranges in color from pure white to dark red. Nice for cutting. Mixed colors only. Each, 20c; 3 for 40c; dozen, \$1.25, postpaid.

Veronica

Has flowers of cornflower blue on slender stalks. Each, 20c; 3 for 40c; dozen, \$1.40, postpaid.

Yucca

Adam's Needle—This is the soapweed of the western plains. The swordlike foliage is ever green. Flowers are creamy white bells that hang from a 3-foot stalk. Each, 40c; 3 for \$1.00; dozen, \$3.00, postpaid.

Special Hardy Flower Collection

This splendid assortment includes one each of the following hardy plants:

Coreopsis

Platycodon

Gaillardia

Hemerocallis Lily

Gypsophila

Wallacei Lily

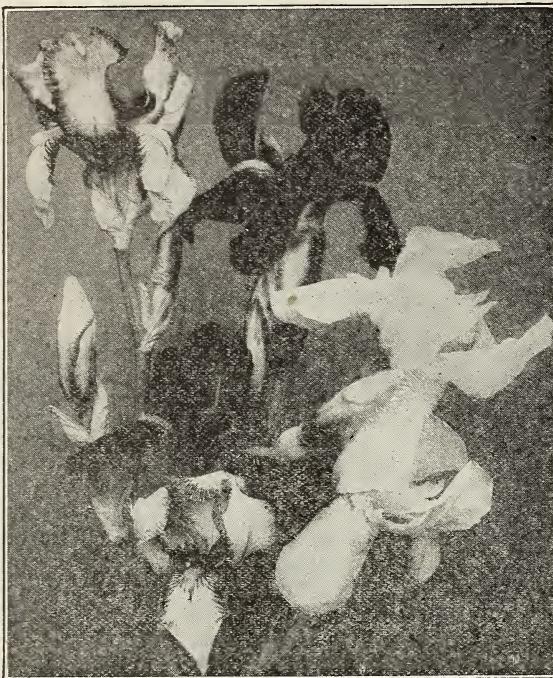
Phlox-Bridesmaid

Physostegia

Shasta Daisy

Sedum Spectabilis

All postpaid for only \$1.65.



Iris

The German or tall bearded Iris are very satisfactory because they will do well in almost any situation. They increase rapidly by root division and soon make nice, large clumps or they can be divided and replanted every two or three years. They are growing in popularity and we are adding a few good varieties each year. Ours are all strong field-grown plants which we ship the same day we dig them, so we are sure their quality will please you.

Iris are nice used alone or with other perennial plants in a border or a row in the garden will furnish bouquets for six or eight weeks. If they are cut while in bud and put into water they will keep for a long time.

Afterglow—Soft grayish pink lighted with buff. Color is like the evening sky after sunset. Each, 40c; 3 for \$1.00; doz., \$3.00, postpaid.

Celeste—Is a fine open flower, large and satiny blue. Has long, fine stems. Blooms profusely. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Dalila—Standards are white slightly tinted lilac; falls are rich violet red. A lovely and striking flower. Each, 40c; 3 for \$1.00; doz., \$3.25, postpaid.

Flavescens—Standards cream white; falls primrose. This is the tall late creamy white which is so common. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Florentina—Blue standards and purple falls. This is one of the best rich blues. Blooms early and flowers last well. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Florentia Alba (Silver King)—Has silvery white blossoms and is pleasingly fragrant. Very early. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Gypsy Queen—Standards are dull, creamy yellow; falls deep purple shaded bronze. Plants are large and vigorous and bloom freely, so are fine for mass planting. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Eugene Sue—Creamy white, with purple spots and lines. Each, 30c; 3 for 50c, postpaid.

Hollandia—A clear, reddish mauve throughout. This is a very distinct and lovely variety, one that always

attracts attention. Each, 25c; 3 for 50c; doz., \$1.60, postpaid.
La Innocence—A good late white. Each, 25c; 3 for 50c; doz., \$1.50, postpaid.

Lohengrin—A beautiful shade of silvery lilac with pink tones. A vigorous grower producing large flowers in abundance. Each, 30c; 3 for 75c; doz., \$2.50, postpaid.

Madame Chereau—White with each petal delicately frilled with a border of blue. It is fragrant and a lovely flower and one that has a long blooming season. Each, 25c; 3 for 50c; doz., \$1.25, postpaid.

Monsignor—A rich, satiny violet; falls same shade but heavily marked with rich purple. Buds and blossoms extremely large. Each, 35c; 3 for 75c; doz., \$2.25, postpaid.

Mother of Pearl—Standards and falls both pale lavender with pearly tints. Grows three to four feet high. One of the best known of the very new varieties. Each, 50c; 3 for \$1.30, postpaid.

Nero—Both standards and falls are the deepest velvety purple. Buds are long, wellshaped and almost black. Each, 40c; 3 for \$1.00; doz., \$3.00, postpaid.

Niebelungen—Standards fawn; falls violet purple on bronze. A large flower on very long stems. Each, 30c; 2 for 50c; doz., \$2.50, postpaid.

Oriflamme—Standards are very large and bright blue; falls are broad and long and dark purple. Each, 50c, postpaid.

Pallida Dalmatica—A large flower with lavender standards and deeper lavender falls. Produces an abundance of blossom. One of the best for cutting and is very sweet scented. Each, 25c; 3 for 50c, postpaid.

Plumeri—A coppery rose claret. Tall and strong and very attractive. Each, 25c; 3 for 50c, postpaid.

Powhatan—Standards light biship violet with deeper border. Falls deep purple shaded crimson. Each, 30c; 2 for 50c, postpaid.

Princess Victoria Louise—Standards are rich sulphur yellow. Falls are rich plum bordered with cream. A striking and beautiful flower. Each, 25c; 3 for 50c, postpaid.

Queen of May—A lovely, rosy orchid, almost pink. Each, 30c; 2 for 50c, postpaid.

Sans Souci—Violet and yellow flushed apricot. Blooms freely. Each, 25c; 3 for 50c, postpaid.

Shakespeare—Standards are light yellow, veined with seal brown. Falls are deep carmine violet. Each, 25c; 3 for 50c, postpaid.

Sherwin Wright—Bright yellow, self-colored. Flowers are of good size and form. One of the best of the yellow iris. Each, 25c; 3 for 60c; doz., \$2.00, postpaid.

Windham—Standards soft lavender pink. Falls heavily veined darker. Flowers are very large. Each, 35c; 3 for 90c, postpaid.

Wyomissing—Standards creamy white, suffused soft rose. Falls deep rose shading to a flesh-colored border. A very pretty delicate flower. Each, 30c; 2 for 50c, postpaid.

Spectabilis—Standards clear, dark blue. Falls deep purple. Flowers very large. Each, 30c; 3 for 60c, postpaid.

Calamus (Sweet Flag)—This is the calamus mentioned in the Bible. Both leaves and roots have an aromatic odor and taste. There are no blossoms, but the plant is very decorative, especially on the margin of a stream or pool. Each, 20c; 4 for 50c, postpaid.

Mixed Iris—Mixed Iris in a good range of colors. Good, strong plants, not labeled. These are all good varieties, some of them fine, new sorts. This is a mixture you will like. Ask for prices on larger lots. 4 for 50c; 10 for \$1.00; 25 for \$2.25, postpaid.

Collection of Iris

One each of the following:

Sherwin Wright	Silver King
Princess Victoria Louise	Windham
Pallida Dalmatica	Powhatan

All carefully labeled for \$1.00, postpaid.

Peonies

The peony is one of the finest of the hardy perennials and one that is vigorous and easy to grow. The flowers are large and attractive, and the foliage is rich, glossy and ornamental even when the plants are not in bloom. They are free from disease and insects. Many of the flowers have a lovely rose fragrance. In the central states the early varieties are usually in blossom for Memorial Day. Peonies should be ordered early, so they can be shipped before they start to grow. We send out large divisions with five to eight eyes. We are sure you will be pleased with their size and quality.

Red Peonies

Grandiflora Rubra—Has magnificent, blood-red flowers. It is probably the largest red variety in existence. Give it good, rich soil. Each, 75c; 3 for \$1.50, postpaid.

Grover Cleveland—Dark crimson, rose type, late. It is a very strong, vigorous grower and flowers are very large and full. Each, 80c; 3 for \$1.75, postpaid.

Felix Crousse—Large, globular, bright red. A solid, late-blooming flower. One of the finest reds. Each, \$1.00; 3 for \$2.00, postpaid.

Karl Rosenfield—This is one of the newer peonies, a fine, deep red, very double and solid blossoms. Much like *Felix Crousse*. Each, \$1.50, postpaid.

Prince Imperial—Semi-rose type, late midseason. Amaranthine red. Each, 75c; 2 for \$1.25, postpaid.

Unnamed Red—Good red double peonies. Our selection. Each, 50c; 3 for \$1.00, postpaid.

Rubra Triumphans—A rich, satiny, crimson flower. Blooms early and has a pleasing odor. Each, 75c; 3 for \$1.50, postpaid.

Fern Leaf Peony—This plant is small, low-growing and has fern-like foliage. The flowers are very double, rich crimson in color and are the first to appear. They increase very slowly and are very rare. Each, \$3.00; large plants, \$5.00, postpaid.

Pink and Rose Peonies

Edulis Superba (Decoration Day Peony)—Fine shell pink. Large double blossom. Is called the Decoration Day Peony because it blooms early and is usually in bloom the last of May. Each, 60c; 2 for \$1.00, postpaid.

Floral Treasure—A soft, delicate blush pink. Very prolific. Flowers are very large and double. Has a lovely rose fragrance. Each, \$1.00; 3 for \$2.00, postpaid.

Humei—A cherry pink blossom with silvery tips. One of the fine pinks. Each, 75c; 3 for \$1.50, postpaid.

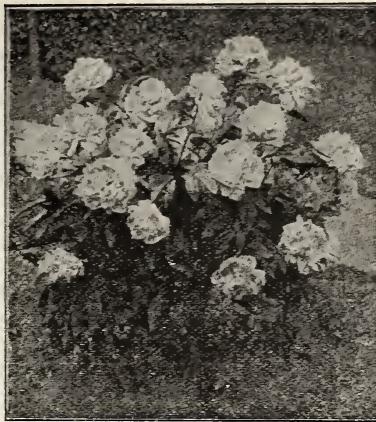
Mikado—Is one of the best of the single Japanese peonies. It has bright rose petals with a large group of yellow stamens in the center, and is very attractive. Each, 75c; 3 for \$2.00, postpaid.

Monsieur Jules Elie—Color is a pale lilac rose with silvery reflex. An unusually fine variety with an extra large bomb-type flower. This is a fine, large pink. Each, \$1.50, postpaid.

Ruth—Color of the American Beauty Rose. Foliage is glossy green. The flower is large, perfectly double and has the stamens scattered among the petals. Each, 65c; 3 for \$1.25, postpaid.

Victoria Tricolor—This is a very pleasing blossom. The outer petals are pale rose, inner petals corn color and the center bright rose. Each, 60c; 3 for \$1.40, postpaid.

Unnamed Pink—Good pink double. Our selection. Each, 50c; 3 for \$1.00, postpaid.



PEONIES

White Peonies

Baroness Schroeder—This is a fine, large, late variety. A strong, vigorous grower that blooms after *Festiva Maxima* is gone. Has a delicate fragrance. Each, \$1.50, postpaid.

Festiva Maxima—By far the best double white. Flower an immense perfect globe. Color pure, snowy white, center marked with carmine. Each, 75c; 3 for \$1.50, postpaid.

Marie Lemoine—Flowers open a faint blush, but change to white when fully open. Late, delicately fragrant. Each, 75c; 3 for \$1.50, postpaid.

Queen Victoria—A fine early white. Blossoms are double and compact. Each, 75c; 3 for \$1.50, postpaid.

Water Lily Peony (Albiflora)—A fine single white with large, yellow stamens. Very prolific. Foliage is covered with the large blossoms. Each, 75c; 3 for \$1.50, postpaid.

Unnamed White—Good white double. Our selection. Each, 50c; 3 for \$1.00, postpaid.

Mixed Peonies—Good, double peonies from our regular stock. Your choice of color, red, pink or white. Each, 50c; 3 for \$1.00; 12 for \$3.50, postpaid.

Tricolor Bargain Peonies

Humei

Festiva Maxima

One large division of each of these three colors for \$1.35, postpaid.

Grandiflora Rubra

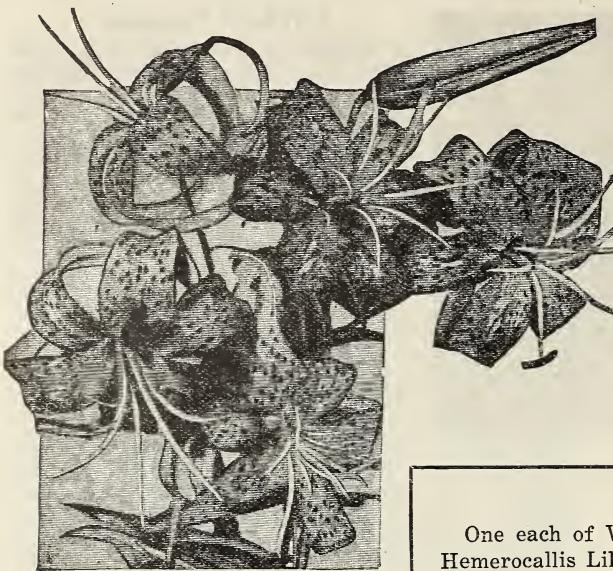


While the use of peat moss is comparatively new in this section, we believe that it can very profitably be used where barnyard fertilizer is not available. It improves the physical condition of the soil and if it is mixed with commercial fertilizer the results obtained will be very satisfactory. It can also be used as a mulch for perennials and is especially valuable for roses. Not prepaid, 10 lbs., 60c; 25 lbs., \$1.75; 150-lb. bale, \$6.30.

Garden Cultivator



This well-made garden cultivator will work ideally in the perennial garden. It is light and yet strong enough for practical use. The handle is long to prevent stooping. These garden cultivators can be supplied with 3 or 5 teeth. The 3-tooth style at \$1.00 and the 5-tooth at \$1.25, by express.



TIGRINUM SPLENDENS

Hardy Lilies

Because of their stately beauty the Hardy lilies are becoming widely used. They require little care and add materially to the attractiveness of any permanent planting. Plant either fall or spring and most of them will bloom the first season.

Tigrinum Splendens—The improved single tiger lily. Grows 4 or 5 feet high. Has bright orange blossoms, spotted with black. July and August. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Double Tiger Lily—Has large, double, orange flowers spotted with black. Grows 5 feet tall and is specially effective with a background of evergreens. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Wallacei—A dwarf lily about 2 feet tall. Has blossoms of rich orange with maroon spots. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Speciosum Rubrum—Flowers are white, with deep rosy or crimson band on each petal, with deeper colored spots between. Each, 40c; 3 for \$1.00; dozen, \$3.50, postpaid.

Speciosum Album—The finest of the pure white, hardy, perennial garden lilies. Has large white flowers of great substance, beautifully recurved. Each, 60c; 3 for \$1.50; dozen, \$5.00, postpaid.

Auratum (Gold Banded Japanese Lily)—This is one of the finest hardy lilies. Flowers are large, ivory white, spotted with crimson and have a wide gold band down the center of each petal. Blooms from June to September. Each, 50c; 3 for \$1.25; dozen, \$4.00, postpaid.

Candidum (Madonna Lily)—Has glistening white flowers on stiff, strong stems. It is similar to the Easter Lily, but has the advantage of being hardy and desirable for outdoor planting. It prefers an open, sunny position. Each, 60c; 3 for \$1.50; dozen, \$5.00, postpaid.

Lily of the Valley—Produces clusters of fragrant white blossoms in early spring. They are very hardy and multiply rapidly. They should be planted in a moist, shady place. Dozen, 40c; \$3.00 per 100, postpaid.

Hemerocallis Lilies

The Hemerocallis lilies have tubers instead of bulbs, and have yellow or orange blossoms. They are perfectly hardy and will thrive anywhere, but will bloom longer if

they have moisture and shade. Flowers are true lily shape and are borne in clusters on long, slender stems.

Altrina—Has 3-foot stems with clear yellow blossoms. Varnish brown on back of each petal. Blooms in June. Each, 30c; 3 for 50c; dozen, \$1.75, postpaid.

Lemon Lily—Has bright, lemon-colored blossoms with delicate fragrance. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Orangeman—This is the best of the orange lilies. Has bright orange-colored blossoms in May and June. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Sovereign—Grows fully 4 feet tall and has fine clear yellow blossoms in late July and August. Each, 30c; 4 for \$1.00; dozen, \$2.50, postpaid.

Thunbergii (Buttercup)—This is similar to the lemon lily, but blooms much later. Has open blossoms of clear butter yellow. Each, 25c; 3 for 50c; dozen, \$1.75, postpaid.

Collection of Lilies

One each of Wallacei, Single Tiger Lily, Double Tiger Lily, and two Hemerocallis Lilies for \$1.00, postpaid.

SPRING BULBS

Amaryllis

Johnsonii—Of strong, vigorous growth. Brilliant red flowers, with petals striped with white. Very fragrant and attractive. Each, 50c; 3 for \$1.25; dozen, \$4.00, postpaid.

Giant Flowered Hybrids—These produce very large blooms that are wonderfully varied and brilliant in color. Price, 75c; dozen, \$8.00, postpaid.

Caladium

Esculentum (Elephant's Ear)—A splendid tropical plant, growing 4 to 5 feet, with immense leaves often growing 3 feet long. Of easy culture. Large bulbs, 35c; 3 for 95c; dozen, \$3.00, postpaid.

Calla Lily

Golden Yellow—This magnificent new yellow calla is of marvelous beauty. The flowers are very large and of the brightest golden yellow. Leaves beautifully spotted with white. Each, 35c; 3 for 90c; dozen, \$3.00, postpaid.

White—Flowers are pure white, borne 3 or 4 on a stem, and are very fragrant. Each, 35c; 3 for 90c; dozen, \$3.00, postpaid.

Cinnamon Vine

Well-known climber; quick grower, with beautiful, glossy, heart-shaped leaves and sweet-scented flowers. Each, 15c; 3 for 35c; dozen, \$1.25; 25 for \$2.00, postpaid.

Maderia Vine

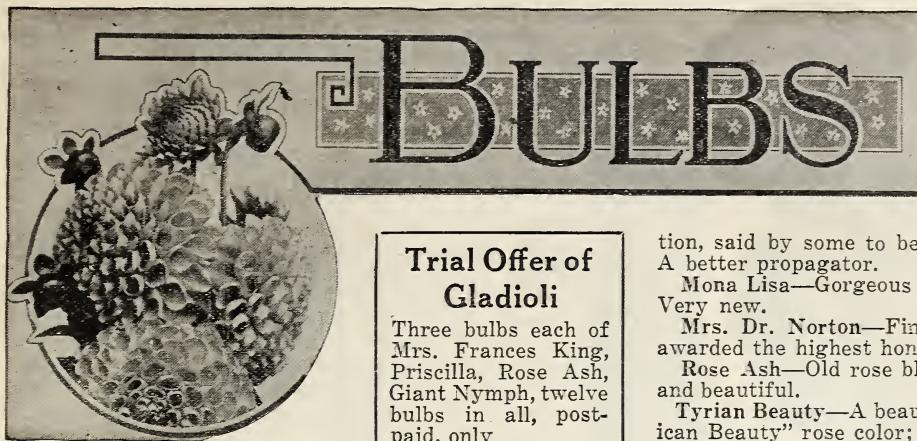
One of the best and most popular annual climbers for foliage effect. Each, 10c; 3 for 25c; dozen, 90c; 25 for \$1.75, postpaid.

Oxalis

These small plants are very attractive in borders or for edging. They produce beautiful foliage and blossom continually. Mixed colors. Dozen, 30c; 25 for 50c; 100 for \$1.75, postpaid.

Tuberoses

Excelsior Double Pearl—One of the most fragrant and beautiful of summer flowering bulbs. Each, 10c; dozen, 75c; 100 for \$5.50, postpaid.



**Trial Offer of
Gladioli**

Three bulbs each of
Mrs. Frances King,
Priscilla, Rose Ash,
Giant Nymph, twelve
bulbs in all, post-
paid, only

95c

Gladioli

You can plant gladioli anywhere and anytime during the spring up until June 15. They make excellent cut flowers throughout the summer and they work in very nicely in informal borders or formal beds. They can also be planted in groups among the shrubbery.

Any of the following varieties at 5c each; 3 for 14c;
12 for 50c; 100 for \$3.50, postpaid.

Ames—Early; light, creamy salmon.

E. J. Shaylor—Beautiful, pure, deep rose-pink, ruffled.

Halley—A dependable early salmon pink.

Le Marechal Foch—Large, early pink; one of the best.

Mrs. Frances King—Light scarlet. No new variety has yet taken its place.

Peace—Tall, very strong growing; the best commercial late white.

1910 Rose—Early, bright rose-pink.

Prince of Wales—Very early; clear salmon with yellow throat; one of the most beautiful varieties; delicate.

Any of the following varieties at 8c each; 3 for 22c;
6 for 40c; 12 for 75c; 100 for \$5.50, postpaid.

Anna Eberius—Dark, velvety purple; large flower set on tall spike. Greatly admired.

Baron Hulot—Deep violet blue; one of the best blues.

Elora—White with yellow and crimson throat.

Evelyn Kirtland—Long straight spike; large pink flowers; one of the best.

Golden Measure—The best exhibition yellow; extra large flowers on tall spikes; an indispensable yellow.

Mrs. H. E. Bothin—One of the loveliest combinations in glads. It has created a sensation wherever shown. Light geranium pink, blotched throat, heavily ruffled.

Mrs. Frank Pendleton—Light pink, blotched red; long spike.

Majestic—Orange-pink; very early.

Niagara—A good yellow; a favorite variety.

Odin—Early salmon pink.

Principine—Rich carmine red with a distinct white blotch.

Rose Glory—Large ruffled, light pink flower.

War—Tall spike; blood-red flower; solid color.

White City—A new and purer white; lily-like flowers.

Any of the following varieties at 12c each; 3 for 35c;
6 for 65c; 12 for \$1.25; 100 for \$8.75, postpaid.

A. W. Hunt—Large flame orange-red, wide open flowers on strong, sturdy stem.

Carmen Sylva—An Iowa production of great merit.
The coming commercial white.

Diener's American Beauty—Brilliant American Beauty color. One spike opening a large number of flowers. Makes an immense bouquet.

Giant Nymph—Salmon; strong grower. Splendid.

Glendale—A bright purple shade.

Gold—An Iowa production equal of Golden Measure.

tion, said by some to be the better propagator.

Mona Lisa—Gorgeous flower of palest, soft rose-pink. Very new.

Mrs. Dr. Norton—Finest cream and pink. Always awarded the highest honors.

Rose Ash—Old rose blended with ash gray. Distinct and beautiful.

Tyrian Beauty—A beautiful, large flower, near "American Beauty" rose color; grand.

Wellington—Large reddish purple, with lighter blotch.

Any of the following varieties at 20c each; 3 for 55c;
6 for \$1.00; 12 for \$1.75; 100 for \$12.00, postpaid.

Crimson Glow—A perfect, very large, deep scarlet-crimson; flowers on a tall, strong spike.

Dr. F. E. Bennett—The new orange-flame. Will replace any scarlet now grown commercially.

Lucie—Clear light yellow. Lower petals flushed crimson in throat. Flowers have good substance and are well arranged. It is extremely early and hence is in great demand.

Mrs. F. C. Peters—The color is a beautiful shade of rose-lilac. Flowers of large size and many open at a time on a strong, perfectly straight stem. Very choice variety.

Remembrance—Deep rose with throat of carmine; ruffled. 20c each; \$2.00 dozen, postpaid.

Longfellow—Tall spike with large, wide open, La France pink blooms. One of the greatest commercial varieties of all times on account of the perfect placement and splendid color. \$1.00 each; \$10.00 dozen, postpaid.

Marietta—A fine, tall salmon, with a large burnt orange blotch. Splendid color harmony. 50c each; \$5.00 dozen, postpaid.

Mrs. Laura Shedd Schweep—Large flowered pink with dark throat. 50c each; \$5.00 dozen, postpaid.

Splendora—Dark, rich, velvety red. 50c each; \$5.00 dozen, postpaid.

Primulinus

We have a wonderful selection of the primulinus varieties for you.

Alice Tiplady—Large flowering; brilliant orange saffron. Very popular and in strong demand. 10c each; \$1.00 dozen, postpaid.

Altair—Bright saffron yellow. 10c each; \$1.00 dozen, postpaid.

Jewell—Beautiful flower of clear salmon pink. 10c each; \$1.00 dozen, postpaid.

Ming Toy—The most beautiful of all Prims. Yellow shaded to old gold. No collection should be without this flower. 15c each; \$1.50 dozen, postpaid.

Mrs. Agnes Whiting—A soft, clear yellow. 5c each; 50c dozen; \$3.50 per 100, postpaid.

Myra—A giant flowered primulinus. Deep salmon over yellow. Exquisite, showy. 10c each; \$1.00 dozen, postpaid.

Priscilla—Rosy salmon; large and ruffled. 10c each; \$1.00 dozen; \$7.00 per 100, postpaid.

Primunella—Ruffled orange-pink. 10c each; \$1.00 dozen, postpaid.

Salmon Beauty—Very large flowered Primulinus. Deep salmon, rich salmon-yellow throat. 15c each; dozen, \$1.50, postpaid.

Best Mixed Gladioli—A mixture of a large number of good varieties. Dozen, 50c; 100 for \$3.50, postpaid.



Cannas

Cannas always will be popular for bedding purposes. They are easily grown and they increase in number rapidly. They should be dug just after frost and stored in a cold basement. Our prices are for dormant roots, divided ready for planting.

Austria—Height, 6 feet. The giant golden lily flowered canna. Flowers 6 to 8 inches across. Plant a strong grower. Each, 20c; dozen, \$1.50, postpaid.

Burbank—The American orchid flowering canna. The flowers are immense in size, the upper petals spreading fully 7 inches. Toward the inner part the petals show fine crimson spots, all the rest of the flower being a rich, canary yellow. Each, 20c; dozen, \$1.50, postpaid.

Mrs. Florence Hall—Height, 4 feet. A striking new variety. Green foliage, yellow flowers with red markings. Larger flower. Each 25c; dozen, \$2.00, postpaid.

Charles Henderson—Height, 4 feet. Green foliage; one of the finest bedding varieties. Compact, vigorous growth and free bloomer. Color is a deep, rich crimson. Each, 20c; dozen, \$1.50, postpaid.

King Humbert—Scarlet flowers, bronze leaves. One of the most popular cannas. Each, 25c; 3 for 60c; dozen, \$2.00, postpaid.

Yellow King Humbert—Foliage very dark green; flowers very deep yellow, spotted with light red. Each, 25c; 3 for 60c; dozen, \$2.00, postpaid.

Richard Wallace—Height, 4½ feet. Flower canary yellow. Dark green, massive foliage and strong grower. Each, 20c; dozen, \$2.00, postpaid.

The President—3½ feet tall. Very profuse bloomer. Flowers bright red color. Green foliage. Each, 20c; dozen, \$2.00, postpaid.

Shenandoah—3½ feet. The best pink canna. Leaves green. Flowers very large, with immense petals. Very compact, almost dwarf and of a very luxuriant growth. Each, 20c; dozen, \$2.00, postpaid.

Wintzer's Colossal—5 feet. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses. Each, 20c; dozen, \$2.00, postpaid.

Wyoming—5 to 6 feet. Bronze foliage. Flowers a beautiful shade of orange. Each, 20c; dozen, \$2.00, postpaid.

Mixed Bedding Cannas—A mixture of the different sorts and colors. Each, 15c; dozen, \$1.00, postpaid.

Dahlias

The dahlias we offer are good, large, dormant bulbs that have been carefully stored and divided for planting. They are one of the showiest of the autumn flowers. The tubers should be dug right after frost and carefully stored over the winter.

A. D. Livoni—A splendid clear pink, beautifully quilled and of perfect form. Each, 30c; 3 for 75c; dozen, \$2.50, postpaid.

Castlemain—A beautiful bronze yellow. Large, striking flowers. Each, 40c; 3 for \$1.00; dozen, \$3.25, postpaid.

Delice—Decorative; a bright pink suffused with lavender. Each, 35c; dozen, \$3.50, postpaid.

D. M. Moore—Flowers of mammoth size; color, deep, velvety maroon. Each, 50c, postpaid.

Dreer's White—A pure white, flowers large, ball shaped, with closely quilled petals. Each, 25c; dozen, \$2.50, postpaid.

Jack Rose—So named because its color is like General Jacqueminot Rose. Each, 25c; 3 for 60c; dozen, \$2.00, postpaid.

Jersey's Beauty—Flowers a true pink color, very large, borne on strong stems. An excellent new sort. Each, \$1.00, postpaid.

Lyndhurst—Decorative. Color a brilliant cardinal red. Each, 25c; dozen, \$2.50, postpaid.

Manhattan Beauty—An excellent flower; free blooming. Striped red and white in distinct contrast. Each, 25c; 3 for 60c; dozen, \$2.00, postpaid.

Mrs. C. H. Breck—A splendid variety for the garden or for cutting. Flowers double, soft yellow suffused with carmine. Each, 50c, postpaid.

Mrs. Ide Ver Warner—One of the best dahlias grown. Color, deep mauve-pink on strong stems. Each, 75c, postpaid.

Millionaire—Very large, lavender-pink, tinting to white at center. Each, 50c, postpaid.

Pride of California—A brilliant, cardinal red, large size and free flowering. The best of its color. Each, 50c; dozen, \$5.00, postpaid.

Queen Victoria—Golden yellow; blooms early. Each, 25c; 3 for 60c; dozen, \$2.00, postpaid.

Sylvia—A lovely shade of mauve pink. Each, 25c; 3 for 65c; dozen, \$2.60, postpaid.

Mixed Colors—Striped, red, yellow, pink, mixed. Each of the above, 20c each; 3 for 50c; dozen, \$1.50, postpaid.

Hardy Ferns

Hardy ferns are being used in quantity for massed planting and for corners about the house where the sun does not strike. Such places can be wonderfully beautified by the use of hardy ferns.

For best results hardy ferns should be planted in ordinary garden soil to which has been added leaf mold. If the ground is not sloping it will be well to raise it between two and three inches to improve the drainage. Ferns should not be planted too deep. The crown should be left exposed to the air.

Adiantum Pedatum (Maidenhair Fern)—The most graceful of all our native ferns. Attains height of 12 to 15 inches when grown in rich soil in moist, shady location. 25c each; \$1.50 dozen; \$12.00 per 100, postpaid.

Osmunda Claytoniana—Grows 2 to 3 feet high. Is usually found native in rather dry, shaded places. Does well under cultivation. 25c each; \$1.75 per dozen; \$15.00 per 100, postpaid.

Sprayers

The Auto Spray No. 9—Compressed air sprayer. Kept clean without difficulty. Diameter, 7 inches. Height, 2 feet. Capacity, $3\frac{1}{2}$ gallons. Shipping weight, 15 pounds. Brass tank with "Auto Pop," \$9.25. Galvanized tank with "Auto Pop," \$6.25. Two-foot brass extension rod, postpaid, 75c.

Lever Bucket Spray Pump—Will not rust. Price, by express, \$6.00. Eight-foot extension pipe (for use among large trees), by express, 75c. Shipping weight of pump, 9 pounds; of pipe, 5 pounds.

Little Giant Bucket Pump—Made by Myers. One of the best selling pumps. Handle attached direct to plunger. Price, \$4.50.

Auto No. 5—Accordion or standard type. Place end of hose in bucket or barrel and pump will draw the liquid to nozzle end. Easy to clean. Price, \$5.00.

Myer's Barrel Spray Pump—A heavy brass cylinder barrel pump for use in orchards and vineyards. It clamps onto the barrel so that it is rigid. It is equipped with 15 feet of hose and a graduated nozzle for either coarse or fine spray. Will last many years. Each, \$14.00.

Improved Faultless or "Misty" Sprayer—The spray nozzle protrudes through the tank, making it strong. Mailing weight, 2 pounds. By express, brass, \$1.25; galvanized iron, 75c; tin, 50c.

The Continuous Faultless Sprayer—Made in such a way that the action of the plunger forces a continuous fine mist spray and drawing back plunger does not stop the flow of the spray. Add postage. Mailing weight, 2 pounds. By express, brass, \$1.50; galvanized iron, \$1.25; tin, \$1.00.

Powder Sprayer—Made of tin. For use in applying Slug Shot, lime, Paris green, mixture or any powder form of insecticides. By express, not prepaid, 90c. Mailing weight, 4 pounds.

Dusters—Buckets with perforated bottom, used for applying Slug Shot or other forms of powdered insecticides. Each, by express, 75c. Shipping weight, 3 pounds.

Spray Materials

Are not mailable. All items go at customer's expense.



Acme All Round Spray—The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. One-fourth lb., 35c; lb., 85c.

Acme Bait-M—For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Lb., 35c; 3 lbs., 75c.

Dry Lime Sulphur—Acme Dry Lime Sulfur is true lime sulfur solution in dry powder form. It has all the advantages of the liquid material, but eliminates the disadvantage. Price, 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.35.



Dry Powdered Arsenate of Lead—It contains from 30 to 33 per cent of Arsenic Oxide. It clings to the foliage for the longest possible time, which means effective control of insects. Price, $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs., \$1.25.

Fungi-Bordo—Fungi-Bordo is a true Bordeaux mixture in dry powdered form. Price, 1 lb., 30c; 5 lbs., \$1.40.

Two-Way Spray—Is a combination Bordeaux mixture and Arsenate of Lead, to save time and trouble. Price, $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 4 lbs., \$1.30.

Paris Green— $\frac{1}{4}$ lb., 15c; 1 lb., 40c; 5 lbs., \$1.75.

Nico-Fume—A condensed preparation of tobacco. Forty per cent nicotine. Price, 4-oz. can, 75c; 1 lb., \$2.25; 8 lbs., \$15.00.

Black Leaf 40—This is about 40 per cent nicotine. Very powerful. Price, 1-oz. can, 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.75.

Fumigating and Dusting Powder—Formerly sold under the name of Tobacco Dust. By express, 1 lb., 15c; 10 lbs., \$1.00; 100-lb. bag, \$6.00.

Fish Oil Soap—Usually called Whale Oil Soap. For plants infested by vermin; also used against fungus diseases and will keep trunks of trees free from borers. 1 lb., 40c.

Hammond's Slug Shot—Destroys all kinds of insects injurious to trees, shrubs and plants. Poisonous to insects, but not to foliage. Lb., 25c; 5 lbs., 75c; 10 lbs., \$1.40.

Garden Supplies

Berry Boxes—Made of the best white wood, cut smoothly and perfect shape. Size, $4\frac{3}{4}$ by $4\frac{3}{4}$ by $3\frac{3}{4}$. Price, per 100, 90c; 1,000, \$7.50. Weight, 15 pounds per hundred.

Pint Boxes—Same as regular quart size, except they are only 2 inches high. Price, per 100, 85c; 1,000, \$7.00.

Crates—Made of thoroughly seasoned wood, well ventilated at sides and bottom, but with a tight cover to protect from dust. Shipped in the flat or knock down. Hold 24 quart boxes. Price, per 10, \$3.00; per 100, \$27.50. Weight each, 5 pounds.

Crates for Pint Boxes—24-pint size. Per 10, \$2.50; per 100, \$21.00. Weight, $3\frac{1}{2}$ pounds.

Berry Box Tacks—Made of the very best Swedes iron. One lb. (will make a thousand boxes), 50c; 5 lbs., \$2.00.

Magnetic Tack Hammers—Pick up the tacks and save much of the labor. Each, 30c, postpaid.

Sphagnum Moss—For packing plants and nursery stock. Per bale, \$1.50.

Tree Labels— $3\frac{1}{2}$ -inch. Copper wired. Per 1,000, \$3.75. Weight, 4 pounds. 50c per hundred, postpaid.

Pot Labels—Smooth wood labels; 4-inch. Per 100, 40c; per 1,000, \$2.40. Six-inch, per 100, 60c; per 1,000, \$4.00. Ten-inch, per 100, \$1.25; per 1,000, \$9.00. Mailing weight—4-inch, 4 pounds; 6-inch, 6 pounds; 10-inch, 10 pounds per 1,000. Price per 100 is postpaid.

Paper Flower Pots—Made of heavy, strong, waterproof paper. Fine for growing vegetable plants, pansies, asters, etc. Prices: $2\frac{1}{4}$ -inch, \$1.00 per 100, postpaid; 3-inch, \$1.30, postpaid; 4-inch, \$2.00, postpaid. Not prepaid, $2\frac{1}{4}$ -inch, \$5.00 per 1,000; 3-inch, \$8.00 per 1,000; 4-inch, \$12.50 per 1,000. Weight, 30 pounds per 1,000.

Wire Hanging Baskets—Are made of wire to be lined with moss and filled with dirt. They are light, strong and durable and have chain attached. Eight-inch size, with enough moss to line it, 50c each; 10-inch, 60c; 12-inch, each, 75c, postpaid.

Wire Brackets—This pattern is a very handsome bracket, made of tinned wire and easily put up. Simple, practical, durable. Price, 25c each; \$2.50 per dozen, postpaid.



1865 Sixty-fourth Year 1929

The Iowa Seed Co.

"Seeds to the American People"

EAST FOURTH AND LOCUST STREETS

Phone Maple 182

Des Moines, Iowa

SUGGESTIONS ABOUT ORDERS

HOW TO SEND MONEY—The most convenient way to you, of course. Money Orders and Drafts are safe. Your check for larger amounts is acceptable. You may send stamps for change or small orders. There is seldom any loss of money in the mails.

WHAT WE GUARANTEE—That remittances sent in any of the protected ways shall reach us; that your order will be filled promptly and well; that the goods ordered shall reach you safely, and in good condition.

WHAT WE DO NOT GUARANTEE—The kind of crop our seeds will produce for you. As there are so many contingencies, such as time of planting, depth of planting, soil, weather and insects. No employee or officer of this company is authorized to make any warranty whatsoever. We, however, have so much confidence in our "Choice Iowa Seeds" that we hereby agree to refill any order for Garden or Flower Seeds, free of charge, should they prove otherwise than we represent them. We know of no responsible seed firm which will guarantee seeds further than this.

OUR RESPONSIBILITY—As this catalog will go into the hands of those that are not acquainted with us, we take pleasure in referring you to the Postmaster at Des Moines, Iowa, or to any Des Moines bank.

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Page 6

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NOTICE—Our terms are cash with order which may be sent by draft, money order or registered letter. Postage stamps may be sent if more convenient. Shipping C. O. D. adds an unnecessary extra charge.

We Prepay the Postage on all seeds, plants and bulbs, except where noted. Field seeds, potatoes and other goods, except as noted, we ship by freight or express, purchaser paying charges.

Is Your Order Complete? Before mailing this please look over each department of our Catalog and you will doubtless find many items that are just what you want.

Questions Should you desire to ask any questions, kindly write them on a separate sheet of paper enclosed in same letter so as to not delay the filling of this order.

Please use the spaces below to give us the names and addresses of your friends or neighbors to whom a copy of our catalog would be acceptable.

All orders for potatoes, plants and other perishable goods are carefully booked on receipt and filled in rotation as soon as weather permits. If you direct them shipped before danger of frost is past, they go at buyer's risk.

BIRD DEP'T. IOWA SEED CO.

We are sure that many of our customers will be interested in this new department of our store. The companionship of a bird will brighten the life of everyone and the music of a good songster makes the whole house more cheerful. The decorative value of a bowl of goldfish is hard to overestimate. They attract the attention of all. Our usual standard of only one quality—the best—is maintained in this new department.

We guarantee safe arrival of all birds and fish we ship. Prices quoted include packing for shipment. The transportation charges are to be paid by the purchaser except on items marked postpaid.

Canaries

Little Dewdrops of Celestial Melody

A canary makes an ideal pet for the home. Everybody enjoys the cheerful song of an active bird. The canaries we offer have been carefully trained and tested. Our guarantee that they will sing for you protects you fully.

Imported St. Andreasburg Rollers—These are the most popular of all Roller canaries. Their low, soft, sweet, rolling song is a wonderful revelation of melody. Guaranteed to sing. Choice songsters, \$11.50 each. Extra select, \$14.50 each.

Hartz Mountain Canaries—This name is applied to the canary whose song is more varied than the Roller's song. Often there will be many notes of the Roller song, to which have been added the natural notes. You will never grow tired of your Hartz Mountain canary's cheerful song. Guaranteed to sing. Choice songsters, \$7.75 each. Extra select, \$9.75 each.

Love Birds

Or Australian Paroquets

These brightly colored birds make very satisfactory cage pets. They get along nicely in a regular canary cage. Price, \$10.50 a pair.

Goldfish

A bowl of assorted goldfish makes an ideal ornament and one that attracts a great deal of attention.

Goldfish are sent by express. Twenty-five cents should be included with your order to cover cost of shipping pail.



HARTZ MOUNTAIN CANARY

Goldfish—These are universal favorites. Price, 20c, 25c, 35c, and 50c each. The 35c size, 3 for \$1.00, are the most popular.

Large Goldfish for Outdoor Pools—These are six to ten inches in length. 75c to \$1.50 each.

Comet Fish—These "Long-Tailed Beauties" add to the attractiveness of any group. Price, small, 35c; medium, 50c; large, 75c each.

Fantail Fish—The double tails of these fish give them the name of Fantail. They are very pretty. Price, according to size, shape and color: 30c, 50c, 75c and \$1.00 each.

Fish Globes—Best quality moulded glass bowls. One-gal. size, 85c; 2-gal. size, \$1.25; 3-gal. size, \$2.00, by express.

Bird and Fish Supplies

Superior Mixed Bird Seed—20c per lb.; 6 lbs. for \$1.00, not postpaid.

Bird Health—15c per box; 8 boxes for \$1.00, postpaid.

Bird Gravel—15c per box; 8 boxes for \$1.00, not postpaid. Mailing weight, 2 pounds per box.

Cuttle Bone—Large size, 10c each; small, 5c each, postpaid.

Sunflower Seed—20c per lb., postpaid; 6 lbs. for \$1.00, not postpaid.

Bird Manna—Use it in addition to the regular seed diet. Manna fastens to the wires of the cage.

Bird Tonic—This liquid tonic is excellent for canaries when out of condition. Cures colds and other similar ailments. One-ounce bottle for 25c, postpaid.

Paroquet Seed—This seed is a special mixture for the Love Birds or Paroquets. Price, 20c per lb. or 6 lbs. for \$1.00, not postpaid.

Russian Hemp—Hemp is oily and should be fed in limited amounts, separate from the regular seed. Price, 15c per lb.; 8 lbs., for \$1.00, not postpaid.

"Canary's Choice"

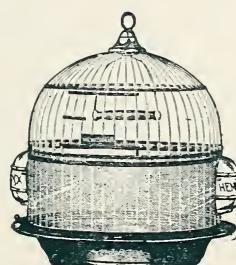
Round Brass Cage

Wires are of solid brass and thoroughly lacquered to prevent tarnishing. Complete with cups, perches and swing at the following special prices:

	Diameter	Height	Price
No. 1274	10 in.	13 $\frac{1}{4}$ in.	\$3.30
No. 1275	11 in.	13 $\frac{3}{4}$ in.	4.30
No. 1276	12 in.	14 $\frac{1}{4}$ in.	4.80

Cage Stand

A well-made brass cage stand well lacquered to prevent tarnishing. Matches the "Canary's Choice" cage. Each, \$3.95.



CAGE NO. 1274

Back Cover Vegetable Collection

This practical garden collection includes the following vegetables selected especially for the back yard or kitchen garden (see back cover illustration). One packet each Beans, Stringless Green Pod; Sweet Corn, Early Sunrise; Cabbage, Golden Acre; Muskmelon, Hale's Best; Watermelon, Monte Cristo; Chinese Cab-

bage; Cucumber, Davis Perfect; Squash, White Bush; Celery, Golden Self Blanching; Cauliflower, Snowball; Carrots, Danvers; Lettuce, Black Seeded Simpson; Onion, Red Globe.

Fourteen varieties of best vegetables. All for \$1.00, postpaid. Collection cannot be changed or broken.

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